#### MALAYSIAN EMPLOYERS FEDERATION (Reg. No: 1357-SELANGOR)

HEAD OFFICE: 3A06 – 3A07, Block A, Pusat Dagangan Phileo Damansara II, No. 15, Jalan 16/11, Seksyen 16, 46350 Petaling Jaya, Selangor, Malaysia Tel: 603-7498 7200 E-mail: mef-hq@mef.org.my

30th January 2024

## INVITATION FOR SUBMISSION OF TECHNICAL AND COMMERCIAL PROPOSAL: MEF SYSTEM DEVELOPMENT

Dear Sir/Madam,

Reference is made to the above subject.

- 2. The Malaysian Employers Federation (MEF) invites potential vendors to submit proposals for the above-mentioned work based on the Request for Proposal (RFP) attached. The proposal must be submitted in an envelope containing two sealed envelopes as follows:
  - (a) Technical Proposal
  - (b) Commercial Proposal
- 3. In addition to the above, MEF also invites you to propose a new Accounting Module that can be fully integrated with the proposed MEF system (to replace the existing accounting module SQL).
- 4. The proposal is to be submitted **not later than 13<sup>th</sup> February 2024 (5 pm)** to the MEF headquarters at the address below:

Malaysian Employers Federation (MEF) 3A06-3A07, Block A, Pusat Dagangan Phileo Damansara II No. 15, Jalan 16/11, Seksyen 16 46350 Petaling Jaya, Selangor

Tel: 603 - 7498 7200

Attn: Puan Siti Sarah Binti Khazalle

5. You are also invited to attend an online briefing on the above project on **1 February 2024 at 2:30 pm** via MS Teams at: <a href="https://shorturl.at/bfFG1">https://shorturl.at/bfFG1</a> or scan QR below.



- GF-12, Kompleks Sempilai, Jalan Sempilai, 13700 Seberang Jaya, Penang **Tel:** 604 398 8980 / 604 398 7068 **Fax:** 604 6599 873 **E-mail:** mefpg@mef.org.my
- No. 17A & 17B Jalan Cantik 6, Taman Pelangi Indah, 81800 Ulu Tiram, Johor **Tel:** 607 862 4776 **Fax:** 607 862 4773 **E-mail:** mefjb@mef.org.my
- B-8 & B-10, First Floor, Jalan Haji Ahmad 3, Sri Pahang Business Centre 25300 Kuantan, Pahang Darul Makmur Tel: 609 512 4373 Fax: 609 512 4251 E-mail: mefktn@mef.org.my
- A-1-3, 1st Floor, Wisma MFCB, No.1, Persiaran Greentown 2, Green Town Business Centre, 30450 lpoh, Perak Tel: 605 255 7778 / 605-255 9778 Fax: 605 255 2778 E-mail: mefip@mef.org.my
  L3-03 DUBS Commercial Centre, Lot 376, Section 54, KTLD, Jalan Petanak, 93100 Kuching, Sarawak Tel: 082 247 027 Fax: 082 247 028 E-mail: mefkch@mef.org.my
- Lot No 1, Block A, 3rd Floor, Damai Point, Luyang, 88300 Kota Kinabalu, Sabah Tel: 088 210 579 Fax: 088 204 979 E-mail: mefkk@mef.org.my



Any queries regarding the submission of the proposal are to be referred to Dr Dzulzalani Eden at <a href="mailto:dzulzalani@mef.org.my">dzulzalani@mef.org.my</a> or 082-405200/405201 or Puan Siti Sarah Binti Khazalle at <a href="mailto:sarah@mef.org.my">sarah@mef.org.my</a> or 0374987200.

Best Regards,

Datuk Hj. Shamsuddin Bardan

**Executive Director** 



# MALAYSIAN EMPLOYERS FEDERATION REQUEST FOR PROPOSAL (RFP)

## Software Requirements Specification

30 January 2024

## **MEF Digitalisation & Integration (MEFDI)**

PERSEKUTUAN MAJIKAN-MAJIKAN MALAYSIA MALAYSIAN EMPLOYERS FEDERATION (Reg. No: 1357-SELANGOR)

MEF headquarters 3A06 - 3A07, Block A, Pusat Dagangan Phileo Damansara II, No. 15, Jalan 16/11, Seksyen 16, 46350 Petaling Jaya, Selangor, Malaysia

Tel: 603-7498 7200

#### 1. Introduction

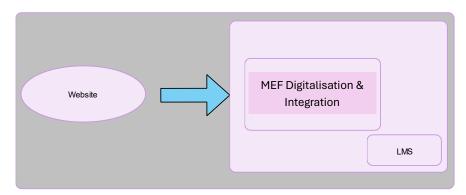
The purpose of this RFP is to invite vendors and solution providers to submit their proposals for the **MEF Digitalisation & Integration** project.

The main objectives of the project are to:

- create a seamlessly integrated database that allow the transformation of data into information to make better decision,
- enforce a set of systematic workflows for business operations,
- reduce duplicated and mistakes from manual processes,
- reduce operational cost,
- increase and promote paperless work environment, and
- provide user friendly and high-quality services to members.

#### 2. System Architecture

Overall, the RFP involves development of 2 main components: Websites and MEF Digitalisation & Integration project (MEFDI). The development of LMS is not included in the current phase but integration at a later stage may be required.



#### (a) Websites

MEF websites will serve as the landing page for MEFDI. Currently MEF owns 2 websites:

- www.mef.org.my (main)
- www.cape-emp.org

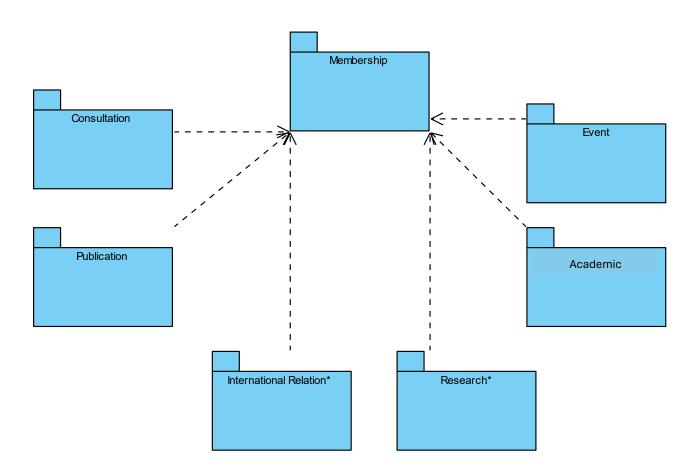
The main purposes of the websites are to provide information for the public/users/members and as the front end of MEFDI.

The vendor is required to suggest modern theme and design for the 2 websites. The websites must be built on a content management platform (CMS) where staff are able to manage the content if necessary.

In addition, the sub site, <u>www.mef.org.my/mefacademy</u> is required to be promoted to **academy.mef.org.my** with its own content platform (also use CMS). For example, all the events created in MEFDI will seamlessly being displayed on the dedicated event page on the main website.

#### (b) MEF Digitalisation & Integration project (MEFDI)

MEFDI is generally divided into 7 different modules where the membership module serves as a core data repository for other modules so that the data can be facilitated for business operations. For example, registering for new training program allows the already login member not to key in company data as it has been captured in the membership repository, likewise for other services.



The following table provides a short description for each of the module above. For each module detail, please refer to their corresponding use cases and business process.

Module	Description
Membership	It is a user/member database module, which allow user registration
	and to be used to pay for membership online.
Event	A module allows staff to create and manage seminar, workshop, in-
	house and public training etc (event in general). It allows user or
	member to join and register for events. It also allows user/member
	to perform evaluation after the event and download e-cert.
Consultation	The module allows user/member to request special services and
	each service will be charged accordingly. A ticketing system will be
	used to provide advisory to members. An intelligent chatbot will be
	deployed to response to frequently asked questions where the
	answers are harvested from the forum. A forum will be used for
	public user/member communication. The engaged study facilitates
	a survey tool to collect data.
Publication	A "Shopee" like platform to sell publications (physical and e-
	resources) which allow user/member to make purchase online.
Academic	This is used to offer and manage long term program. Each program
Program	consists of multiple courses. Example program like Diploma,
	Degree, Master and TVET certification etc.
International	This module is used to nominate committee to attend international
Relation	meetings, workshops, seminars etc. The module involves decision
	making and is also used to archive all relevant documents for future
	reference.
Research	Research is used to propose, approve, and manage research project.
	It allows both parties to track the progress of research. Outcomes
	of the research like data, publication, media can be archived here.

#### MEFDI is expected to have 7 types of roles:

Roles	Description
Admin	An administrative authority who manages, creates users and
	assign role.
Head of Modules	Supervisors who response to approve a consultation request and
	aware of every process that happened.
Staff (by	A user who able to perform business operation, e.g., create new
modules)	training programs, print reports.
Registered User	Public who created login account with MEF.
Member	Registered users who have paid a fee for a period of time to enjoy
	privilege. Member entitles the privilege within the period. Member
	entitles services with discount and also allow to access advisory
	ticket.
Committee	A user who can access certain sections of the module to view report
	and summary but doesn't have the permission to perform business
	use cases. But they allow to vote on the membership of registered
	users.

The roles are not mutually exclusive, and it is possible for a person to have multiple roles.

#### 3. Functional Requirements

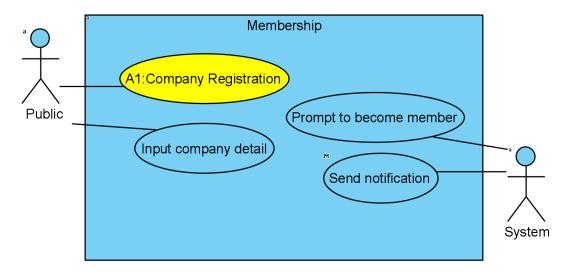
The following list down all the use cases according to the modules. However, they are as comprehensive as when the requirements were done, it is recommended that the vendor performs further requirement analysis as it deemed necessary.

\*Note that not all use cases and business processes are accompanied with use cases descriptions. The vendor is advised to refer to the functions in each of the use case diagram or MEF personnels for further detail. Some of functions are rather intuitive.

#### (a) Account Registration

Use Case:	A0: Register an Account
Brief Description:	Public can register an account through MEF portal before they can participate in some of the events offered by MEF as well as to apply to be a member.
Reference:	Refer to business process A0

#### (b) Membership Registration



Use Case:	A1: Member Registration (Association/Company)
Brief	Association/Company personal can register as a user of the MEF portal
Description:	and then apply as member of MEF. The application process will involve
	Membership, Council members and Finance.
Reference:	Refer to business process A1

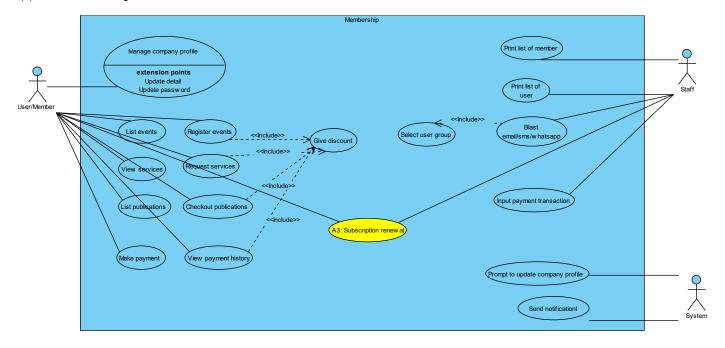
Use Case:	Prompt to become member
Brief	The portal should actively prompt existing registered user to become a
Description:	member and promote the benefits of becoming a member.
Reference:	Refer to business process A1

Use Case:	Input Detail of Association/Company
Brief	Applicant is required to input the Association/Company details
Description:	according to the input requirement specified.
Reference:	Please refers to the input fields requirement and forms.

Use Case:	Send Notification
Brief	The system can send notifications to members or registered users
Description:	through their registered email. The notification notify on the status of
	the application, payment update, and membership information.
Reference:	Business process A1 highlight the different notifications

Use Case:	Export transaction
Brief	All payment transaction must be able to be exported into SQL
Description:	Accounting for finance purpose.
Reference:	N/A

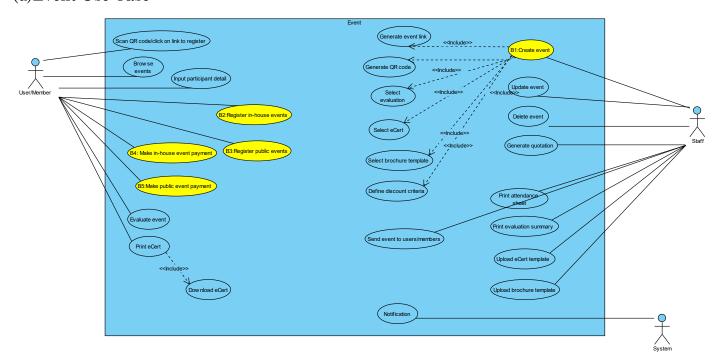
## (c) Membership Renewal



Use Case:	A3: Subscription renewal
Brief	Members will be prompted to renew their subscription according to pre-
Description:	defined scheduled (e.g. how many months before expiring). Members
	can proceed or cease subscription. A grace period of 3 months is given
	before the membership is suspended. Upon renewal, member has a
	choice to update their organization's profile.
Reference:	Refer to business process A2.

Use Case:	Export transaction
Brief	All payment transaction must be able to be exported into SQL
Description:	Accounting for finance purpose (integration).
Reference:	N/A

## (d)Event Use Case



Use Case:	B1: Create events
Brief	The staff create a new program.
Description:	The program refers to (public program, in-house program, seminar,
	conference, workshop, etc)
Reference:	Refer to business process B1.

Use Case:	B2: Register in-house event
Brief	User/Member register to an in-house event. This use case is triggered
Description:	by a link or scanning QR code
Reference:	Refer to business process B2.

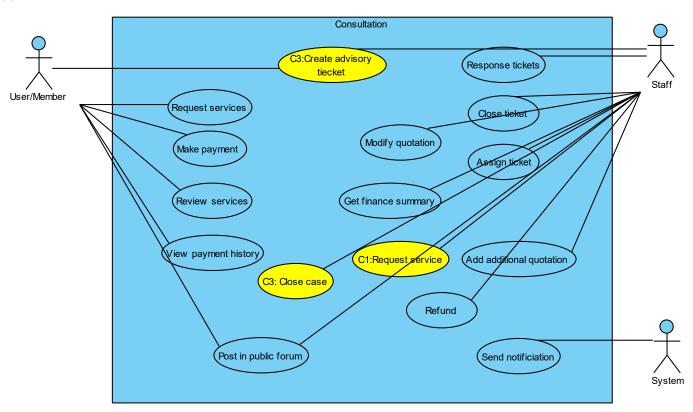
Use Case:	B3: Register public event
Brief	User/Member register to a public event. This use case is triggered by a
Description:	link or scanning QR code
Reference:	Refer to business process B3.

Use Case:	B4: Evaluate event
Brief	The participants of an event are required to fill in the evaluation form
Description:	as a supporting document for HRDC claim and gather event quality.
	The evaluation form link will be created using online form and save it
	in the system for sharing with event participants.
Reference:	See evaluation form.

Use Case:	B5: Make event payment
Brief	Public participants can make payment in two modes. a) pay by
Description:	individual/company; b) through HRDC claim. Payment by a) can be performed online or through bank check. While for b), Staff will generate necessary documents and submit to HRDC to claim for the trainee payment.
Reference:	Refer to business process B5.

Use Case:	Export transaction
Brief	All payment transaction must be able to be exported into SQL
Description:	Accounting for finance purpose (integration).
Reference:	N/A

## (e) Consultation



Use Case:	C1: Request Service (Court Case Representation)
Brief	Members and non-members can request services from the MEF
Description:	consultants. The services include acting as a representative at the conciliation, counsel for court hearing (Labour & Industrial Court), adviser/panel at the collective agreement negotiation, restructuring exercises, domestic inquiry, HR audit/due diligence, review/develop policy, OSH, academic & professional, research etc. These are chargeable services based on an agreeable quotation by MEF. Members and non-members have different charges. For services relating to conciliation and being the counsel for court hearing (Labour & Industrial Court) as well as Collective Bargaining, there are an initial payment that needs to be made and during execution of the case, client will be required to top up the balance
	according to the progress of the balance (lower than a certain amount).
Reference:	Refer to business process C1.

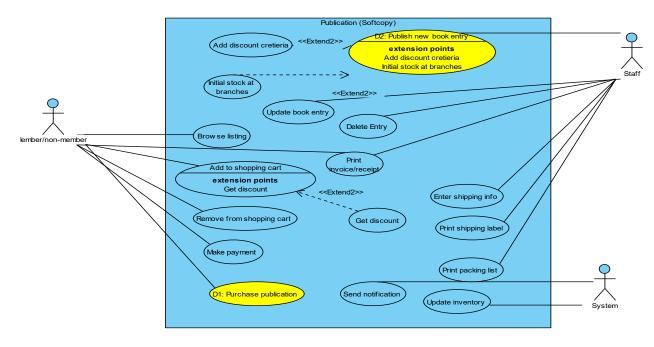
Use Case:	C2: Close case
Brief	Once a consultation service is fulfilled (final report), a staff member will
Description:	close the case according to the type of services. For services relating to conciliation and being the counsel for court hearing (Labour & Industrial Court), the balance in the client's account will be refunded
	by the finance department. Once the refund is done, the case will be closed.
Reference:	Refer to business process C2.

Use Case:	C3: Create an advisory ticket
Brief	The ticket advisory service request is only available to MEF members,
Description:	where they can open a service ticket to ask relevant questions. The
	service request will be assigned to a consultant by the person in charge.
	The consultant assigned will reply to the question through the system.
	Member can respond to the answer by the consultant. A follow-up
	question may be provided if necessary.
Reference:	Refer to business process C3.

Use Case:	Rate the service
Brief	User/Members are able to rate provided services in the scale of 3.
Description:	
Reference:	N/A

Use Case:	Export transaction
Brief	All payment transaction must be able to be exported into SQL
Description:	Accounting for finance purpose (integration).
Reference:	N/A

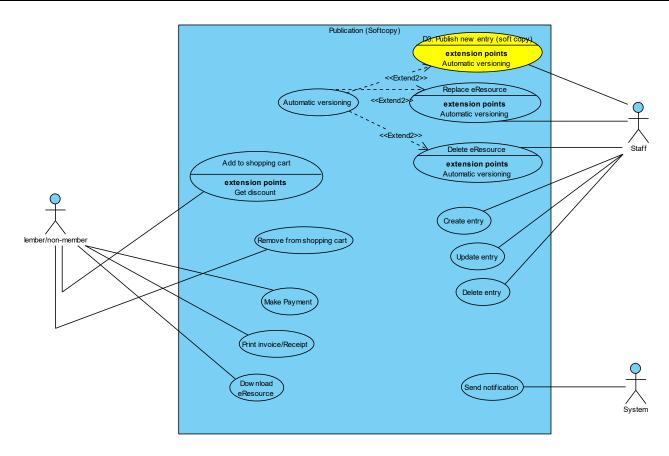
## (f)Publication



Use Case:	D1: Purchase publication
Brief	User/member can purchase publications. However, member purchase
Description:	at a discounted price. In addition, collaborators get higher discounted
	price. Pickup is available at each branch.
	In store purchase will be purchased online and pickup at a branch.
Reference:	Refer to business process D1.

Use Case:	D2: Publish new book entry (hard copy)
Brief	MEF staff able to create new publication entry into a "Shopee" like e-
Description:	commence shopping platform. Default purchase will be dispatched from
	HQ. However, if customer can opt to choose to select at branch.
	Inventory update is very critical. Purchase availability must be aligned
	with inventory quantity.
Reference:	Refer to business process D2.

Use Case:	Export transaction
Brief	All payment transaction must be able to be exported into SQL
Description:	Accounting for finance purpose (integration).
Reference:	N/A

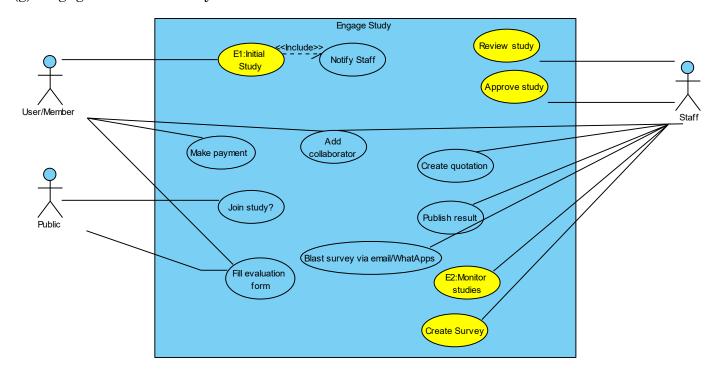


Use Case:	D3: Publish new book entry (e-resources)
Brief	MEF staff able to create new publication entry into a "Shopee " like e-
Description:	commence shopping platform. However, the products are e-resources
	which can be downloaded once paid.
	The e-resources must be uploaded into a repository before they are able to download. The repository must be able to capture each version of the uploaded e-resources and ensure the latest version to be downloaded when purchase.
	Each e-resources must be protected by Digital Right Management (DRM)
	There are also e-resources which are made to be viewed (cannot be
	downloaded) for free.
Reference:	Refer to business process D3.

Use Case:	Search publications
Brief	Member able to search employment related law library e.g.
Description:	Employment Act, Industrial Relations Act, Trade Union Act, etc
Reference:	N/A

Use Case:	Export transaction
Brief	All payment transaction must be able to be exported into SQL
Description:	Accounting for finance purpose (intergration).
Reference:	N/A

## (g) Engage Research Study



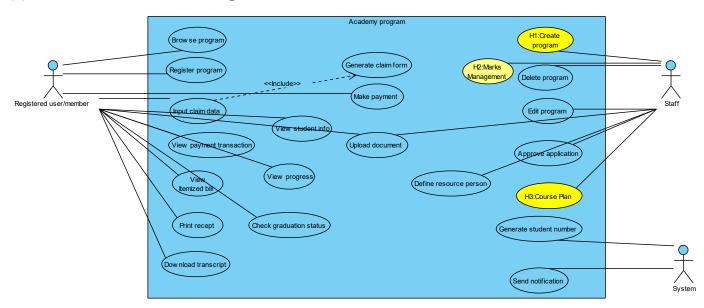
Use Case:	E1: Request Service (by external parties)
Brief	MEF members can request to conduct research study where the
Description:	respondents are MEF members, non-members, or selected mailing list.
	The requester is required to fill in the online form with detail about the
	project. The project proposal is going to be reviewed by MEF for
	approval decision. Engage study can cost a sum with downpayment of
	50% is necessary before a study is committed.
Reference:	Refer to business process E1.

Use Case:	E2: Execution and Monitoring
Brief	The system should be able to allow staff to create mailing list from two
Description:	sources: a) list of MEF members; b) custom mailing list. The system
	should provide a convenient way to select the target respondents based
	on pre-determined criteria as filter. The system also should be able to
	blast the email to respondents and track the progress of the survey by
	providing description statistics. Therefore, there must be a mechanism
	to generate a unique survey link for each respondent. Reminder can be
	sent to respondents that have not responded on a pre-defined schedule
	based on the stages of survey completion.
Reference:	Refer to business process E2.

Use Case:	E3: Completion of research study
Brief	Research study request service is completed when the final report is
Description:	submitted and the remaining payment by the requester is paid.
Reference:	Refer to business process E3.

Use Case:	Create Survey
Brief	The system allows staff to create survey questions that is going to be
Description:	used in the research study. The survey can support multiple question types. Descriptive statistic related to the progress of the survey should be displayed. There should be a mechanism to manage existing surveys created such as open-close date of a survey, QR code/URL link for sharing, and link to the mailing list of the blast function.
	Each survey will be blasted to a targeted set of users/members, and must be able to track the responder detail, for example, who have responded.
	All the data from survey must be stored in a repository to be used for analysis.
Reference:	Refer to the sample survey form.

## (h) Academic/Professional Program



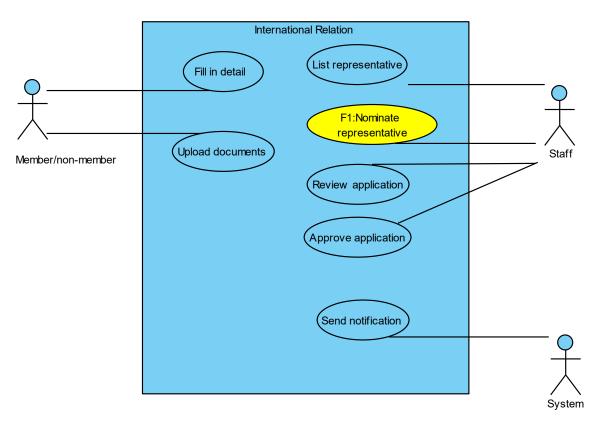
Use Case:	H1: Create Program
Brief	MEFA staff will be able to create new programme (diploma, degree,
Description:	postgraduate). The system will also store the approval date by the academy committee/academic body.
	*A program constitutes a number of courses. Each course usually has credit. A student needs to pass a minimum of credit in order to graduate.
Reference:	Refer to business process H1.

Use Case:	H2: Grade Management
Brief	Teaching staffs/Resource person will be able to upload their grades in
Description:	Excel format. The staff will also be able to assign grade and final mark
	for the students enrolled. System will be able to calculate the cumulated
	grade point average and grade point average based on the subjects
	enrolled per semester.
Reference:	Refer to business process H2.

Use Case:	H3: Course Plan
Brief	Academic staff will be able to create course plan based on the course
Description:	outline approved by the academic committee. The outline has the
	course content, assessment, references, and parameters based on the
	quality standard set. The course plan, which is based on the course
	outline indicate the implementation of the course outline every
	semester. Both course outline and course plan have versioning control.
Reference:	Refer to business process H3.

Use Case:	Export transaction
Brief	All payment transaction must be able to be exported into SQL
Description:	Accounting for finance purpose (integration).
Reference:	N/A

## (i) International Relation



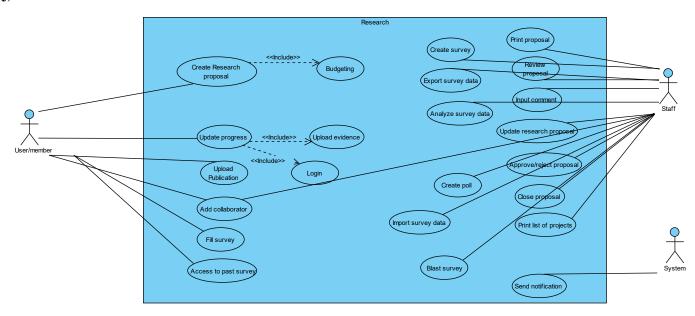
Use Case:	F1: Nominate representative to
Brief	MEF can nominate staff/council/member to participate in national or
Description:	international events.
Reference:	Refer to business process F1.

Use Case:	Approve application
Brief	Nominated staff/council/member requires approval by the committee.
Description:	
Reference:	N/A

Use Case:	Upload documents
Brief	Allow upload of multiple formats of documents: pdf, docs, media, etc
Description:	
Reference:	N/A

Use Case:	Export transaction	
Brief	All payment transaction must be able to be exported into SQL	
Description:	Accounting for finance purpose.	
Reference:	N/A	

## (j) Research



Use Case:	Create proposal
Brief	Allow member/staff to a create research proposal. The proposal includes
Description:	sections like title, client details (company name, email, phone no),
	executive summary, researchers (select from existing or add new),
	background, methodology, references, timeline and budget.
Reference:	Refer to business process E4.

Use Case:	Review proposal
Brief	Staff able to review the proposal and comment on each section by
Description:	inputting text. The proposal can then return to user/member/staff to improve before being reviewed again. Once the staff is satisfied with the revision, he/she can approve the proposal then. Versioning is enforced for each changes.
Reference:	N/A

Use Case:	Update progress
Brief	Periodically, the project principal investigator requires to update the
Description:	project timeline. Documents and media can be uploaded as evidence.
Reference:	N/A
Use Case:	Close project
Brief	Periodically, the project principal investigator requires to update the
Description:	project timeline. Documents and media can be uploaded as evidence.
Reference:	Refer to business process E4.

Use Case:	Create Survey
Brief Description:	The system allows staff to create survey questions that is going to be used in the research study. The survey can support multiple question types. Descriptive statistic related to the progress of the survey should be displayed. There should be a mechanism to manage existing surveys created such as open-close date of a survey, QR code/URL link for sharing, and link to the mailing list of the blast function.
	Each survey will be blasted to a targeted set of users/members, and must be able to track the responder detail, for example, who have responded.
	All the data from survey must be stored in a repository to be used for analysis.
	The system also should be able to blast the email to respondents and track the progress of the survey by providing description statistics. Therefore, there must be a mechanism to generate a unique survey link for each respondent. Reminder can be sent to respondents that have not responded on a pre-defined schedule based on the stages of survey completion.
	Staff can create poll.
Reference:	Refer to the sample survey form.

#### 3. Non-Functional Requirements

#### (a) Speed

The vendor must ensure that access and response speed of the web application is not slow. All responses should not proceed 2s.

The web application must perform without failure in 95 % of use cases during a month given the traffic doesn't exceed 50 concurrent users.

The website should be able to handle a website traffic growth of 10 % per quarter for at least three years without user-perceptible performance degradation.

#### (b) User Interface

All users should be able to use the web application on Edge, Firefox, Opera, Chrome, Samsung Browser, Brave and Safari.

The web application must be accessible via various platform of web browser running in desktop or mobile devices. Hence, the User Experience (UX) of the web application must be designed using HTML web responsive design.

#### (c) Login

Besides able to register with new user through user email, new user registration can be done through identity provider such as Google, Microsoft and Facebook, so users wouldn't have to remember another new login or password.

#### (d) Restful API

As Membership module serves as a core for other modules, and it requires to interact to other modules, hence it is required that they are designed with Restful API in mind.

#### (e) Database design

The cloud-based relational database is used to store all the data. MEF will not be paid for any license of the database. It is suggested that either opensource database or data store subscription will be used.

All the data store in the cloud must be encrypted at rest. All passwords must be hashed at the data store.

The tables that are access frequently must be indexed to optimize data retrieval performance.

#### (f) Security

All the data in the database must be backup automatically and can be restored easily if disaster occurred. The vendor must provide a back-up strategy upon deployment.

All-important operations (create, approve, delete, remove) must be logs as audit trait.

All client-server access must be encrypted through HTTPS.

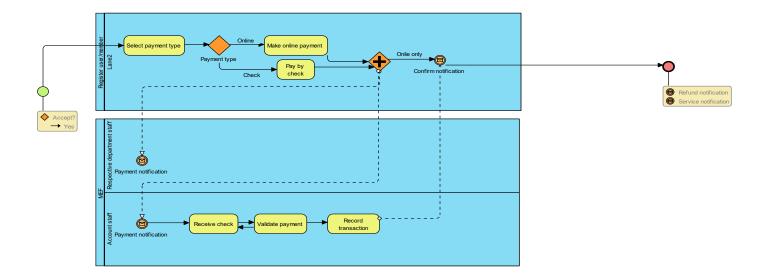
User password format should follow international standard/good practices to enhance user protection.

#### (g) Notification

All notifications (depend on the recipient's role) have to be sent in 3 platforms: email, SMS and WhatsApp.

#### (h) Payment Gateway

In general, MEF allow 2 modes of payment: online and by check (will phrase out slowly). The following shows the business process of the payment for all chargeable.



The web application is to be integrated with an online payment getaway (currently proposed Affin Bank as the service provider).

#### (i) Modularity

The system design and implementation should be modular to ease future updates and add in new features.

#### (j) Solution implementation

The solution should be OS platform independent and using a stable programming platform. The programming platform should be easy to maintain, upgrade (new version) and sustainable.

#### (k) Expected Timeline

Websites	To be deployed and operated <u>before 15 July 2024</u>
MBIS	To be deployed and can operate <b>before 15 December 2024</b>

#### (l) Submission Procedure

The proposal must be submitted in a sealed envelope containing two sealed envelopes before or on <u>13 February 2024 (5 pm)</u> to the MEF headquarters containing as follows:

- (i) Technical Proposal (including project timeline, period of warranty support, cloud-based server, and yearly maintenance)
- (ii) Commercial Proposal

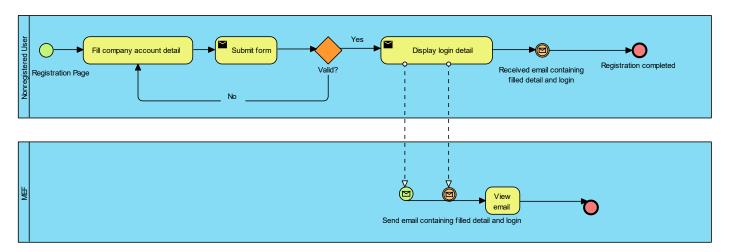
#### (m) Development Cycle

The vendor is required to present the dummy workflow prototype of each module before deployment.

#### (i) Appendix – Business Process

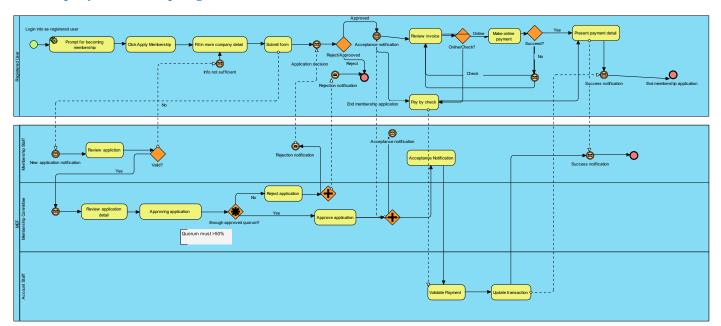
#### 1. Account Registration

#### A0: Company Registration



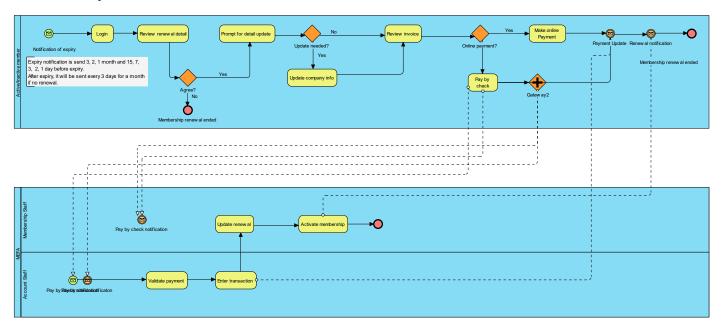
#### 2. Membership

#### A1: Company Membership Registration



- 1. Company profile of members (as membership form)
- 2. List of members with filters (by year, by company categories, status)
- 3. Member payment with filters (by year, by quarterly, by categories)
- 4. NEW combined total of Members
- 5. Total of New Members
- 6. Digital membership e-certificate.

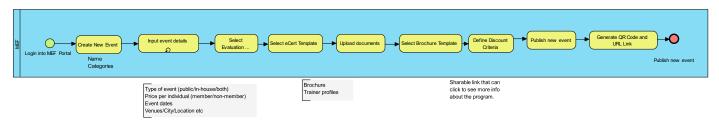
#### A2: Membership Renewal



- 1. Total of Subscriptions' Renewals
- 2. Total of Members' Resignation/Exit

#### 3. Event

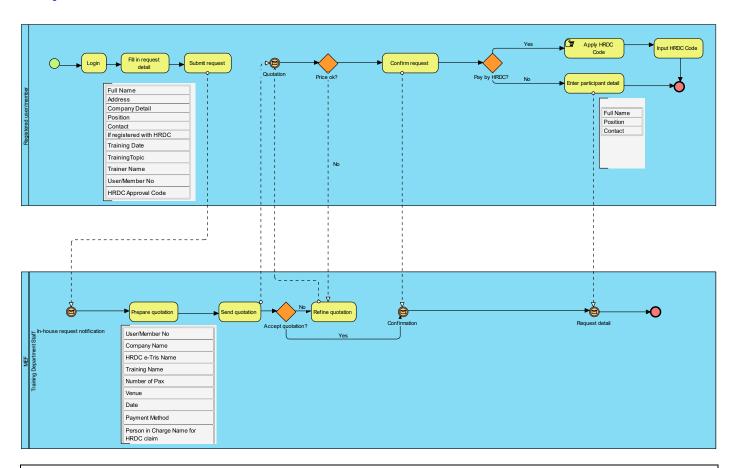
#### **B1: Create New Event**



#### Output Printable Documents/Report

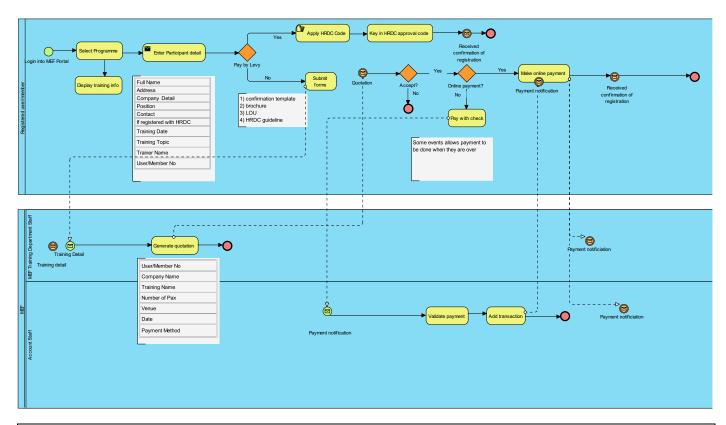
- 1. List of event (according to different type)
- 2. List of event by year, location
- 3. List of event type
- 4. Total event by year, location, resource person

#### B2:Register in-house event



- 5. List of member
- 6. List of non-member
- 7. List of event by year, location
- 8. List of event type
- 9. Attendance
- 10. Outstanding report
- 11. Payment report
- 12. Profit/Loss report
- 13. Aging report

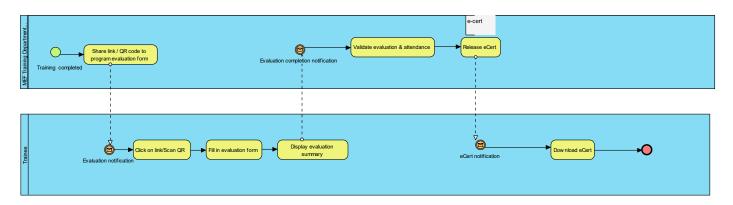
#### B2:Register public event



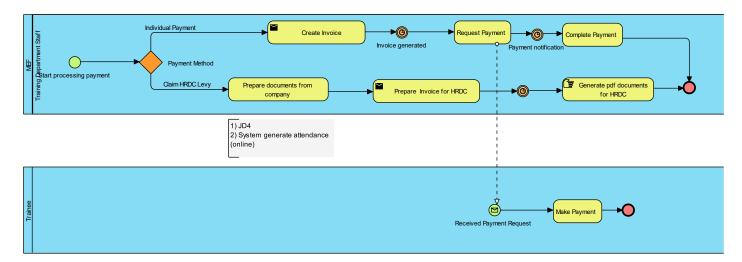
#### Output Printable Documents/Report

- 1. List of member
- 2. List of non-member
- 3. List of event by year, location
- 4. List of event type
- 5. Attendance
- 6. Outstanding report
- 7. Payment report
- 8. Profit/Loss report
- 9. Aging report

#### **B4: Post Training Event**

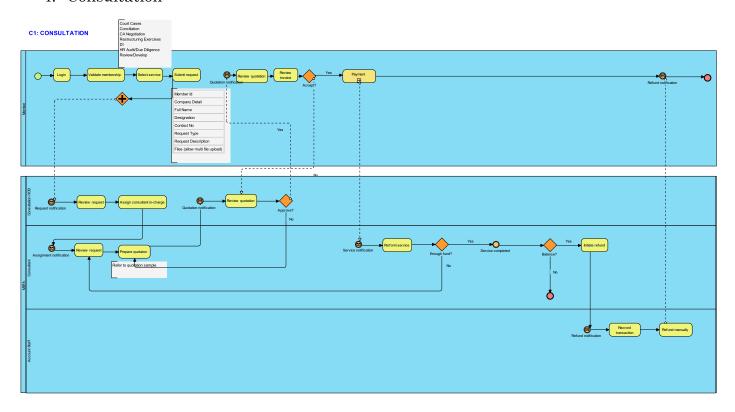


#### **B5: Payment for Public Program**

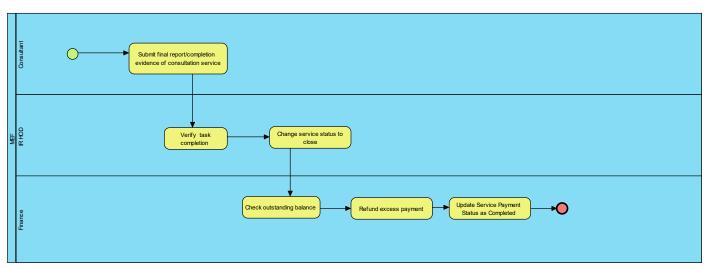


- 1. Evaluation result
- 2. Summary of evaluation according to event
- 3. eCert
- 4. List of event type
- 5. Attendance
- 6. Outstanding report
- 7. Payment report
- 8. Profit/Loss report
- 9. Aging report

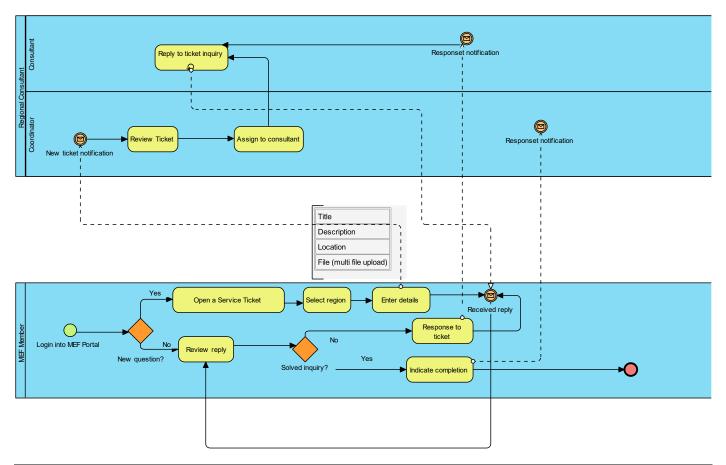
#### 4. Consultation



#### C2: CONSULTANCY (CLOSE CASE)



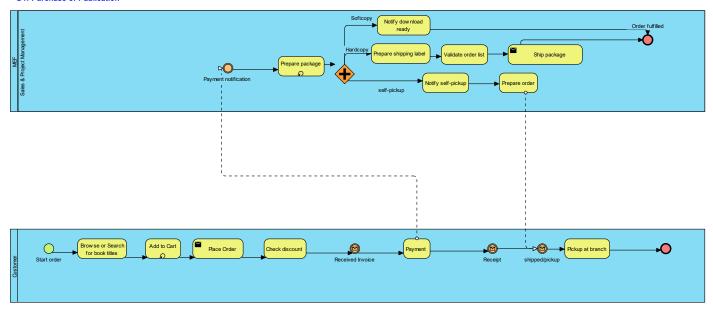
#### **C3:Create Advisory Ticketing**



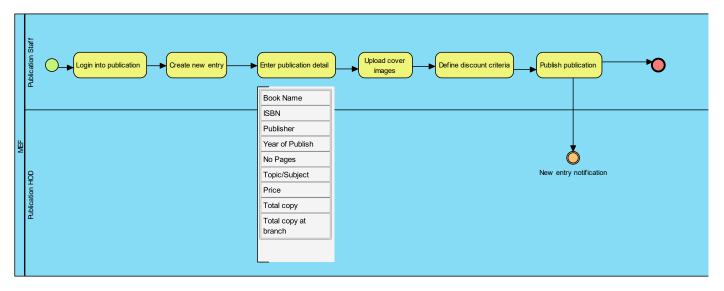
- 1. Yearly income report from different consultation services
- 2. Statistics of new customers filtered by date, type of services etc.
- 3. Statistics of advisory tickets (question topics, by months, rating)
- 4. Reports consultation services (court representation)
  - Statement in Reply
  - Bundle of Documents
  - Witness Statement
  - Written Submission
  - Bundle of Authorities
  - Notice of Application & Affidavit, if necessary

#### 5. Publication

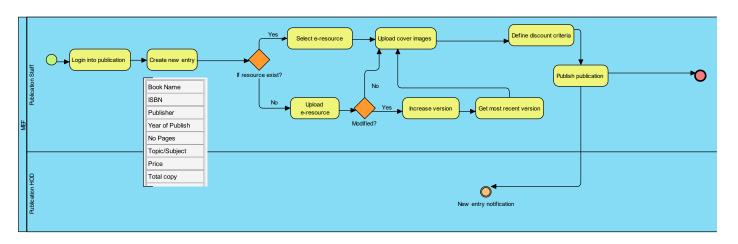
#### D1: Purchase of Publication



#### D2:Create new entry (hardcopy)



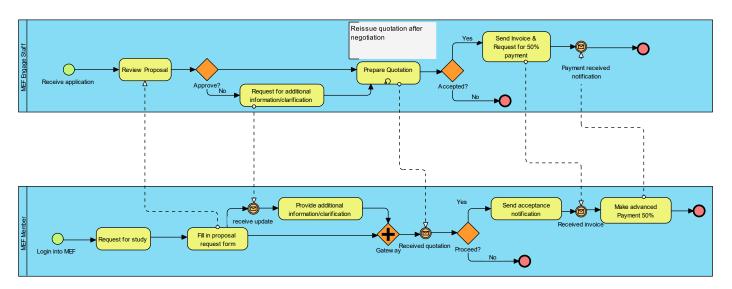
#### D2:Create new entry (softcopy)



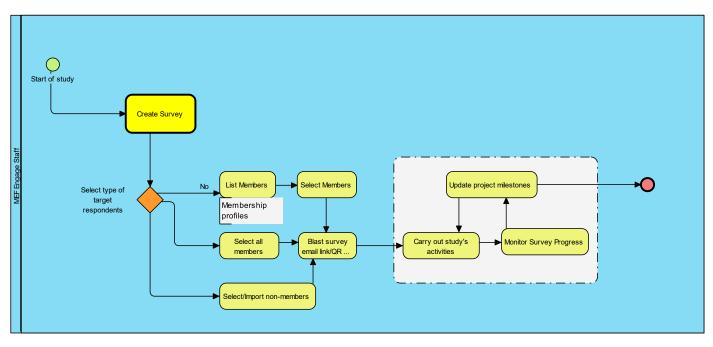
- 1. Stock for printed hardcopy in different branches
- 2. Sales by months and year (by titles, hardcopies, softcopies)
- 3. List of titles sorted by year published or selected year range, by subject.

## 6. Research Study

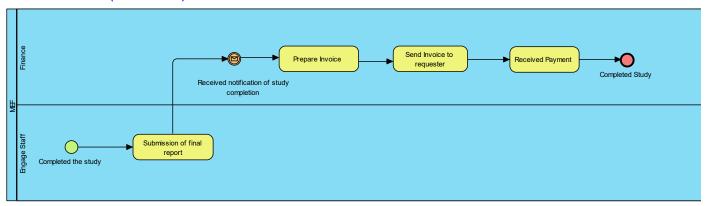
#### E1:EXTERNAL REQUEST FOR RESEARCH STUDY



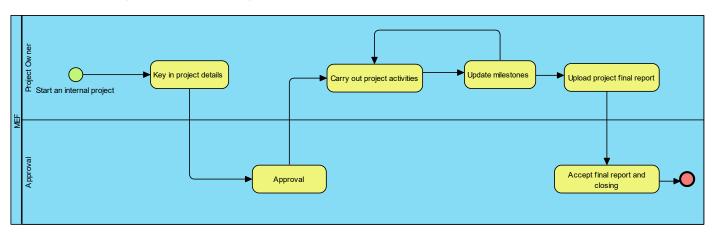
#### **E2: ENGAGE STUDY - EXECUTION AND MONITORING**



#### **E3:ENGAGE STUDY (COMPLETION)**



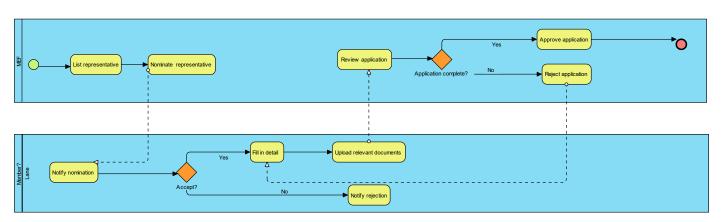
#### **E4:ENGAGE STUDY (INTERNAL PROJECTS)**



- 1. Yearly income report from different consultation services
- 2. Statistics of new customers filtered by date, type of services etc.
- 3. Statistics of advisory tickets (question topics, by months, rating)
- 4. Reports consultation services (court representation)
  - Statement in Reply
  - Bundle of Documents
  - Witness Statement
  - Written Submission
  - Bundle of Authorities
  - Notice of Application & Affidavit, if necessary
- 5. Report Consultation Services (Research Projects)
  - -Raw Data (Excel /SPSS) .xlsx/.sav
  - -Quotation (pdf)
  - -Agreement(pdf)
  - -Report(pdf)

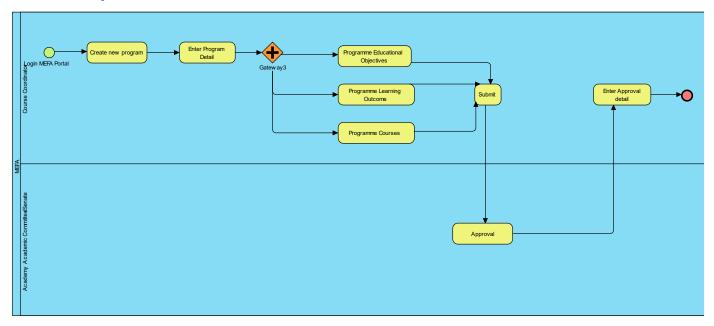
## 7. International Relations

#### F1: Nominate representative

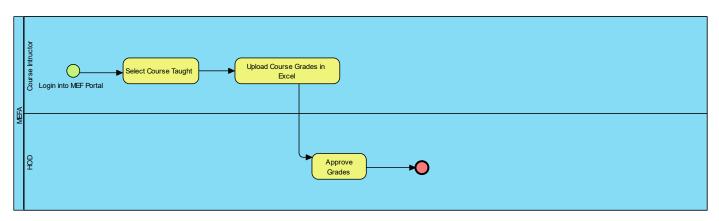


## 8. Academic/Professional Program

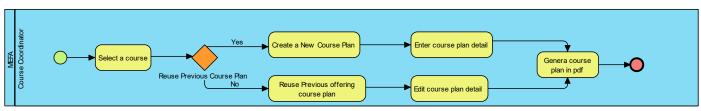
#### H1: Create New Program

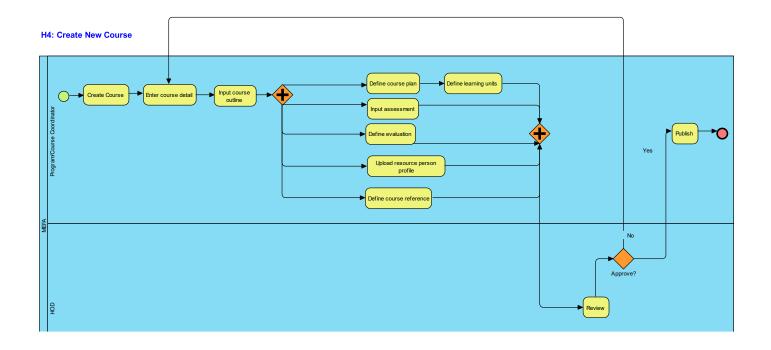


#### **H2: Input course grades**

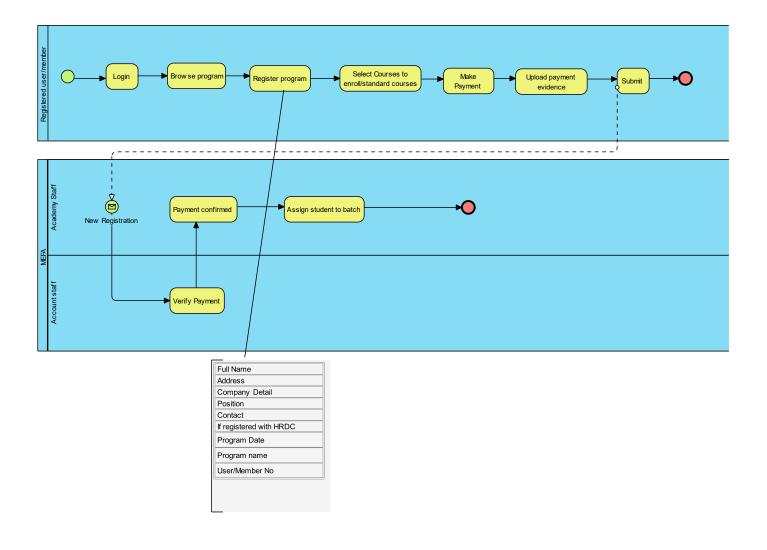


#### **H3: Create Course Plan**





#### H5: Register program



- 1. Semester performance results by program and by subjects
- 2. Academic transcript for the students
- 3. Registration slips per semester.
- 4. Report of student enrolment, eligible to graduate and dropout by program by academic semester.
- 5. Course outline, course plan, academic program information