

Development of FERDI

Functional Requirements Document





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Document Version History & Approvals

Versions

Version	Date (dd/mm/yyyy)	Author	Description
1.0	05/26/2020	Sapna Sahni Dept. : Business Analyst	First Draft

Approvals

This document has been approved as the official Functional Requirements Document for FERDI and accurately reflects the current understanding of the business requirements. Following approval of this document, requirement changes will be governed by the project's change management process, including impact analysis, appropriate reviews and approvals.

Approver Name	Role	Signature / Digital Approval	Approved On
Patrick Nwajiaku	Project Manager/Product Owner		



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1. Introduction

1.1 Purpose of this Document

The purpose of this document is to list all the functional requirements which are required to be developed in the first phase, to achieve the business goals listed in the client documents. This document will serve as the final document that should be referred by both the internal and external stakeholders during the project life cycle. The planning team member from the Business Analyst team should be responsible for listing all the customer features required in progressive web apps. The project execution team should follow this document and keep it as a base during SDLC.

1.2 Reference Documents

The following documents were shared by the client that was reviewed to create the FRD.

S.No.	Reference Document/URLs (Shared with FATbit)	Туре
1.	Exchanged Emails between FATbit and Patrick Nwajiaku	Emails

1.3 BUSINESS REVENUE MODEL

The business revenue model will be as follows:

1. Commission charged on the purchase of online courses

1.4 Development Perspective

The scope of work described in this document will be considered as a custom development of the platform from scratch.

System shall consist of the following parts:



- 1. Main server Web Application and Database
- 2. FERDI Application with the following main interfaces:
 - a. Users Progressive Web Apps (Compatible with Android and iOS Platform)
 - b. Facilitators / Mentors- Progressive Web Apps (Compatible with Android and iOS Platform)
 - c. Sponsor- Progressive Web Apps (Compatible with Android and iOS Platform)
 - d. Admin Web interface
 - e. Does this include the native apps for Android and iOS platforms?
- 3. Web Technology Stack
 - a. Backend database MySQL
 - b. Front end Scripting Language PHP (FATbit Framework)
 - c. Client side technologies HTML5, CSS3, Ajax, JavaScript/JQuery.
- 4. Code Repository and Management
 - a. GitHub- FERDI Github (The account of Github will be provided by the client)

Note: In case the business owner's team wants to make any changes to the code delivered by FATbit, it's highly recommended that the client team should manage the code through GITHUB. The client team should ensure that no bugs are introduced to the application code delivered by FATbit. Failing to do so will mark the service warranty contract as void.

More details about warranties can be review on the following URL: https://www.fatbit.com/images/pdf/FATbit-Terms-and-Conditions.pdf

1.5 USER TYPES

The system will consist of the following different types of users:

- 1. Users
- 2. Facilitator and Mentor
- 3. Sponsor
- 4. Admin

1.6 Exclusions

S.No.	Description



1.	Any other feature, module or use case development other than the ones defined in this document would be additional and will be considered out of scope. Such change requests or enhancements could be developed at an additional budget. It may impact the project delivery timelines as well.
2.	The Offline Module will not be available for Facilitator, sponsor and admin user types.
3.	Facilitator will not be able to purchase the course through its interface, The facilitator has to register as a user to purchase the course. There is no switching option provided to the users to switch between two user types
4.	Facilitators will be paid offline i.e. outside the platform, facilitators will only be able to view the transactions and raise a withdrawal request.
5.	Mentor will be paid offline i.e. outside the platform, mentor will not be able to view any transaction in the wallet and raise a withdrawal request
6.	Sponsor User will not be able to take the course through its interface, The sponsor has to register as a user to purchase the course. There is no switching option provided to the users to switch between two user types
7.	There will be only one type of currency i.e.Nigerian naira(NGN), no other currency support is included in the scope of work of the project
8.	Project scope does not include following features as these features will be used from the 3rd Party Application login interface i.e. Mail chimp account: - Scheduling/ Sending out mailers - Mailer designing - Reports/ Statistics - Unsubscribe - Confirmation Mail/Dripping Messages management and scheduling - Any other mass mailing or feature which is directly available into the 3rd Party Application Interface.
9.	The Third party API procurement is not included in the scope and application business owner would be responsible for providing the same. All costs for the same will be borne by the business owner.



10. The hosting server / domain procurement is not a part of the scope & estimations. The same should be provided by the client.

1.7 THIRD PARTY INTEGRATIONS

• Social Media Login

• Payment Gateway: PayPal

• Email System-Mailchimp

• MultiLanguage Translator: Microsoft Azure Translation

• SMS Gateway- Twilio

• Google Geolocation API

2. FUNCTIONAL SPECIFICATIONS

2.1 Functional Requirements for User - user type

ID	Requirement Description	Actor	Elements	Conditions/Comments
FR01	Homepage –Web Application	User		
FR1.1	On Browsing the FERDI website, the user will land to the Homepage of the website. The home page will include following key elements: 1. Website Logo with Branding 2. Navigation Bar 3. Register 4. Login 5. Main Slider Banner (Rotating or Fixed)	User	 ➤ The tutorial video will be auto played ➤ User will be able to skip the tutorial video ➤ Users will not be able to download the tutorial video. 	Note: These are the recommended homepage elements, final homepage will be designed after planning the UX/UI for users. We will have the videos section as changeable, allowing the system to automatically update different preview videos of different courses.



TECHNOLOGIES

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	6. Search Bar 8. Search for online courses 9. Courses Listing 10. Latest course based on Business 11. Best Facilitator listing with rating 12. Testimonial from Learners 13. How it Works 14. Blog Posts First time user (Registered or Non registered user) will be able to view the tutorial video about the platform The user will be able to view the tutorial video only at first time when they register with the platform	So the admin keeps different preview videos inside a folder and the section that will have tutorial videos will be updated with preview videos of the courses interchangeably. It is important for the website and apps designers to know that the website and native apps need to be fun and easy to look at. Great graphics and easy on the eye layouts are critical to the success of our concept. FATbit: Okay
FR1.2	Site Map would be as follows: 1. About us 2. Course Listings- Search for course based on location A. There will be integration of Google Geolocation API B. User location will be tracked through Geolocation C. User location will be tracked through Geolocation API 3. Preferred Language: A. User will be able to view the list of languages in the dropdown menu	Course Languages for now are - 1. English; 2. Pidgin English; 3. Igbo; 4. Yoruba; and 5. Hausa. FATbit: We will use Microsoft Azure Translation for auto translation of website content based on user selected language.



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 B. User will be able to select the preferred language from the dropdown and the content of the platform will be translated in the preferred language such as: English- Default Language Pidgin English Igbo Yoruba Hausa 	
4. How it Works	
5. Register as Facilitator	
6. Register as User	
7. Register as Sponsors	
 8. Blog Posts or Articles: A. View Blogs B. Search for blogs by keyword C. View categories and sub categories of blog 	
9. Terms & Condition- This will be mandatory field to for all users to check in at the time of registration	
10. Contact Us: D. The Contact us section will include following details: Name	
Email AddressPhone No.	Note: Email & SMS Notification will be sent to the user, The notification will state that message that the request is being looked into and



	E. Links to FERDI Social accounts such as Facebook, Instagram, snapchat, Linkedin 8. Privacy Policy 9. Cookie Policy Note: Any platform user irrespective of the user type will be able to fill and submit the contact us form to admin. Automatic email will be sent to the admin on receiving new inquiry through Contact us form. Note: These are the recommended Sitemap elements, final Site Map will be designed after planning the UX/UI for users.			they will get a reply via email within 24 hours."- is this for facilitators and sponsors? • Note: The contact us form will be hardcoded in the system.
FR02	Search for Courses	User		
FR2.1	Non-Registered User/ Registered user will be able to search and browse course based on: 1. Search course based on business types A. Select Business type from the dropdown list 2. Search course based on course level A. Select course level from the dropdown list - Course level will be Beginner, Intermediate, Advanced (Each course have three levels i.e. Beginner, Intermediate, Advance) 3. Type Keyword to search the relevant course appearing with the same keyword	User	The search result will be displayed on the basis of: Business Types <course level<="" th=""><th> Note: The list of business types will be added and managed by the admin. Note: The list of course levels will be added and managed by the admin. </th></course>	 Note: The list of business types will be added and managed by the admin. Note: The list of course levels will be added and managed by the admin.
FR03	Browse Courses	User		



per <i>Col</i>	er will be able to browse listing of courses based on the search rformed;	User		There is no guest checkout
Cou				
			➤ CTA:There will	
	urse Listing Preview:- Course Listing preview will include following		be Call To Action	
uei	tails about the course:		Button available	
1. (Course Title		on each course	
2. E	Business Type		preview:	
	Course Cover Photo /Preview video		1. Click on course image	
	Course Duration		or title to view the	
	Course Price (Currency - Nigerian naira)		details page	
	Ratings		2. Add course into	
			favorite by clicking on	
			the heart icon available	
Col	urse Details Page View:- Course details page view will include following		on the each course	
	tails about the course:		preview. User will have	
	Course Title		to register in order to	
	Business Type		add the course into	
	Course Cover Photo		favorites	
	Course offered by - Linked with FAcilitator profile (FAcilitator is the			
	blisher of the course)		3. Buy Course. User will	
1 -	Course Ratings		have to register in order	
	Course Description		to purchase the course	
	·			
	Syllabus			
8.	Total No. Of modules or module/topics included in the course:			
Δ.	course will include modules arranged as Beginner,Intermediate, Advances			
	or e.g. If the course is including 35 modules , a user will see the modules			
	ranged in beginner (say 10 courses); intermediate (say another 10			
	urses) and advanced (say 15 courses). So only the first course is active			
			➤ CTA:There will	
dil	d the other 34 courses are visible but greyed out"		2 STATILLE WIII	



				12
	9. Course Duration 10. Total No. Of subscribers already subscribed for the course, only count of subscribers will be shown. There will be no subscriber listing shown 11. Skills you gain- This section will include tags, keywords 12. Course Language - This section will include the language of the course 13. Reviews or Testimonial from other users/subscribers who have taken the course Students can take the course module by module and must take an objective test at the end of each module. They must score above 70% before they are permitted to view the next module.		be Call To Action Button available on each course preview: 1. Buy Course: In order to start the course, user have to register/login into the system 2. Add course into favorite by clicking on the heart icon available on the each course preview 3. Click on Facilitator profile image or name and view the facilitator profile 4. Follow/Unfollow the Facilitator	
FR04	Sign Up or Registration	User		
FR4.1	New user will be able to register with Email address and Password 1. Email address* 2. Mobile No.* 2. Password* 3. Re-enter Password	User	Button – "Submit" * marked are mandatory fields	 The Admin will get the notification for each user who has newly registered on the platform - users are all automatically approved on the platform. It is only registration for facilitators/sponsors that goes through a process ending in a



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			denial or approval.
			An email's template wording shall be provided by client
			Email Template management shall not be developed
			This Form will not be manageable by admin
			As a security feature, users will get an SMS message sent to their phone number when they register. They need to enter this into the registration to complete - just like you had to in ulesson.com
FR05	Login	User	
FR5.1	Login through: Login will Google + Login with Facebook Login with Email address and Password	User	 User will be able to choose one option to login User will not be able to login with two options If user is registered with the email address and password, then that user will have to login with the email address and password Users also need to register and
			compete their profiles with first



			name etc. They need to also MANDATORILY answer how they heard about the programme before completing the registration.
	Create and Manage Profile 1. First Name 2. Last Name 3. Mobile No. 4. Email address 5. Profile Image View/edit the profile details		
FR06	Registration through Referral Link	User	
FR6.1	 User will be able to register through the referral link shared other platform user by clicking on the referral link received via email or SMS notification User will be able to register through the referral link shared sponsor user by clicking on the referral link received via email or SMS notification User will be able to register through the referral link shared by the sponsor or other user Referred by the User: The referral link will redirect user to the registration page of the website and app Referred by the Sponsor: The referral link will redirect user to the course details page which was sponsored by the sponsor 	User	Important Note: 1. The referral link will be shared by the user through Refer & Earn Module. 2. The Refer & Earn Module is explained in FR30 3. The Sponsor user will be able to sponsor the course to any user i.e. Platform user or anonymous user who is not registered with



	 6. User will be able to take the sponsored course within 15 days, The 15 days will be counted from the date of course being purchased by the sponsor 7. User will have to register in the platform in order to purchase the course 		the platform yet such as friend,etc. 4. The user will receive a SMS and Email Notification in refer & earn and Sponsored course from sponsor to register on the platform. 5. The user will be able to click on the referral link and referral link will redirect users to the platform registration page for refer & Earn and source details page in the
FR07	Take Sponsored Courses	User	platform. 5. The user will be able to click on the referral link and referral link will redirect users to the platform



FR7.1	On clicking on the shared referral URL, the user will be redirected to the sponsored course details page 6. Users will be able to view the Sponsor name and profile images tagged with the course. 7. The system will automatically create a tag on the course details page. 8. The tag will be of Sponsor who have sponsored the course 9. Each sponsored course will have a 15 days validity period to start the course and there will be no fixed time allocated by the platform to end the course. 10. if users have not taken the sponsored course in the 15 days from the sponsoring then the sponsored course will be inactive and would not include any refund and cannot be re-sponsored. 11. User will be able to click on the profile pic or name of the sponsor to view the profile of the sponsor 12. For the unregistered user, user will have to register or login to the platform in order to view the sponsor profile and start the course 13. For the registered user, user will be able to view the sponsor profile and start the course.	User	 Email Notification- Email notification will be sent to the user by the system before 2 days,1 day, 24 hours of expiration of the course being sponsored. The Email Notification will include a referral URL of the sponsored course and expiry date of the course. SMS Notification- SMS notification will be sent to the user before 2 days,1 day, 24 hours of expiration of the course being sponsored. The SMS Notification will include a referral URL of the sponsored course and expiry date of the course. Are the SMS' free. We have an SMS shortcode that users can send messages to and get responses as well, is this required in any feature here?
FR8	Sponsor Profile	User	
FR8.1	The profile view of the sponsor will show following details: 1. Sponsor Business Name 2. Sponsor profile image 3. Sponsor Description 4. The information is for view only, The user will not be able to contact, follow the sponsor user	User	Note: The user will not be able to contact and follow the sponsor user



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FR9	My Sponsored courses	User		
FR9.1	User will be able to view the listing of all sponsored courses with the status as completed, pending, expired User will be able to search for course by latest courses, sponsor name, course name, expiry date User will be able to click on any sponsored course from the listing to view the details page of the course	User	CTA button: 1. Start- User will be able to start the course through the listing view 2. Resume- User will be able to resume to the course through the listing view if the user have already started the course	
FR10	Purchase Course	User		
FR10.1	 User will be able to purchase the course in following manner: Click on "Add to cart" button on the course listing page and clicking on the add to cart button will take user to the payment options: Proceed to check out or add more courses Add more courses will take user to the course listing page Proceed to check will take user to the payment options: User will be able to select the course from the shopping cart and proceed to pay User will be able to remove any course added in the shopping cart Pay through wallet Integration of third party payment gateway such as Paypal through PayPal email address and Mastercard/Visa There will be no quantity input box User will be able to purchase multiple courses at a single time 	User	CTA button: 1. Add to Cart 2. Proceed to checkout 3. Shop more	When you say purchase multiple courses, do you mean purchase multiple modules in a course or purchase different entire courses. The system is designed for the users to purchase modules for a course in affordable chunks. This is a USP for the solution. Make the courses affordable by breaking it into affordable modules. Users can buy modules in a course or just one module as they deem fit.



FR11	Start a Course	User		
FR11.1	 User will be able to click on Start Button available on course details page Users will be able to view the no. Of modules/module/topics available in each course User will be able to start the course with module/topic 1 Users will be able to view the module material available with each module of the course such as downloadable pdfs, video . There might be 1 or multiple videos for each module /module/topic User will be able to start,pause, rewind the video on the platform User will not be able to download the video but will be able to download the pdf documents available in each module Each course will have a validity of 30 days from enrolling for the module. If the student is unable to pass the module 30 days. After the expiration of 30 days, users will need to purchase the course again and take the course from scratch. 	User	CTA button: 1. Start- User will be able to start the course through the listing view 2. Resume- User will be able to resume to the course	 Note: The video will not be downloadable. System will restrict users from downloading the video. The 30 days validity from enrolling should be programmable so that it can turned on or off for courses or modules by the admin.
FR12	Skill Assessment	User		



FR12.1	 The Skill assessment will be objective type format in which there will be count of questions and each question will be provided by certain answer choices User will be able to select on any answer from the choices and submit On submission, the system will validate the answer for each question and provide the score The scoring will be 10 marks for each question or depending on the no. of question 	User	There will be a Submit button to submit each answer in the skill assessment section	 Note: It will be mandatory for users to take the skill assessment after each module/topic and score 70% minimum for each module/topic Note:Each module will have a set no. of questions to be displayed. This will be set by the facilitator at the time of skill assessment creation for each molecule of the course . Note: The Questions will be randomly displayed from the question bank created by the facilitator. If the set of questions are of 10 question test has each score as 10 marks and a 20 question test has each as 5 marks. Please note that as we have different languages, once the user selects a language for learning, the system should adjusts content to be shown in the selected language for the user and this includes the text of the tests. How did you plan to
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		, 	20
			have this functionality
			programmed?
FR13	Next Module	User	
FR13.1	 On scoring 70%, user will be able to view the next module/topic User will be able to view the pdf/videos for the next and following module/topics User will be able to take skill assessment for each module/topic in order to reach to the next module/topic User will be able to view the concurrent module upon scoring the minimum 70% in the previous module/topic skill assessment 		Each phase - either beginner, intermediate or advanced, has a set of learning objectives which will contain a preview video for each phase. So at the end of the beginner phase, users must watch a video of the skills they are expected to acquire after completing the next phase which is the intermediate phase. At the end of the intermediate phase, the users must watch the video which shows them what they will accomplish at the end of the final phase, the advanced phase.
FR14	Retake the course	User	
FR14.1	 Users will be able to view the "retake option" if not qualified 70% marks in the previous module/topic skill assessment. Then the user will be able to retake the same module and appear for the skill assessment for the same module. The user will be able to retake the module until scored the minimum % in the each module User will not be able to retake the module once scored minimum 70% User will be able to view the previous video of the same module/topic User will be able to retake the skill assessment of the same module/topic 	User	



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FR15	Score Board	User		
FR15.1	 View total score board on successful completion of each course. At the end of the course, the total is automatically calculated as an average from all the modules in the course. View scores earned in each module/topic Average total percentage will be calculated and shown 	User		
FR16	Certificate	User		
FR16.1	 View and download the certificate for each course in pdf format The certification will be labelled with platform logo and name. The Certificate will include the competence as a beginner, intermediate or advance. "The certification will be generated on the completion of a complete course. The certificate will be generate with following details: A. Name of the student B. Course Name C. Score D. Course Level as beginner, intermediate or Advance E. Date F. Business Type Incase, if the course is sponsored by the sponsor then the sponsor logo will be mentioned on the certificate The Sponsor business logo will be dynamically added in the place holding defined at the time of implementation of certification template 	User	 ➤ User will be able to generate certificate for each completed course ➤ CTA button 1. Generate a Certificate 	 Note: No other format is supported by the system Certificate format will be designed by FATbit



FR17	My Courses	User		
FR17.1	 User will be able to view the list of all the purchased courses User will be able to view following details in the list view: A. Course Title B. Facilitator Name C. Purchased Date D. View sponsor name- if the course is sponsored E. Status of the course such as:	User	 ➤ There will be a "View" CTA, clicking on which user will be redirected to the details page of the course ➤ User will be able to start/resume/ret ake the course from the details page 	
FR17.2	 View Progress of each course View Progress of each course purchased by the user There will be graphical view in form of piechart in which user will be able to view the progress of each course purchased by the user The progress graph in form of Bar graph will have three sections for each courses. The three sections are: A. Beginner B. Intermediator 			Yes Sapna. This is correct. This is simply reports and analytics on students' performance. We need a graphical representation of reports on the student's progress and they'll need to see this in an easy to understand and fun way.



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FR18	C. Advance 4. The Graph will show the section completed by the user for each course	User		
LKTQ	Rate the Course			
FR18.1	 Rate to course- There will be 5 star rating system An automatic popup will be displayed on completion of each course User will be able to click on each star to provide the rating or skip The facilitator and mentor will be shown with the average rating on the basis of rating received on each course published by them.	User	 There will be 5 star rating system CTA User will have to click on each star to rate 	•
FR19	Post a review	User		
FR19.1	 Post review to course An automatic popup will be displayed on completion of each course User will be able to post the review in the review box or skip Review box- It will be a text box which will allow maximum 100 words to be added as review and alphanumeric values will be permitted 	User		It will be difficult to get someone to post words. The review page should have a list of questions which should be generic and cover things like - How satisfied were you with the quality of the course on a scale of 1 to 10. The review is then generated based on the scoring and sent to the admin. We can also have the text box for those who want to add something else in writing.
FR20	Apply for Loan - Under Incubation Period	User		
FR20.1	 Users will be able to apply for a loan after completion of each course and scoring above 70% in each module of a course. 	User	CTA ButtonSubmitUpload injpg/png format	The form will be an online form that the student completes online and submits when through. the form should be able to hold the



	 Users will be able to apply for only one loan at a time. User will be able to apply for a loan within 3 month of completing the course There will be button that appears to the user after completion of 		only, no other format will be supported	completed entries so that a student does not need to refill the areas already completed if they lose connection.
	each course only 5. User will be able to view and download the form 6. Upload the form and submit 7View listing of uploaded form 8In case of rejection, users will be able to download the form again and upload with the correction. 9. 5. We can save the history of all uploaded form if required 10. Upload Id Proofs: (Upload in jpg/png) - Browse from device - Drag & Drop Note: User will be able to apply for loan within the incubation programme. This module will be displayed to user once the user is entered in the Incubation programme.			
FR21	Incubation Period	User		
FR21.1	 Upon qualifying the loan, the user will be able to view the incubation module for each completed course User will be able to view the Incubation Programme only upon completion of each course Users will receive an email and SMS notification about the incubation programme upon completion of each course. Each course have any individual incubation programme User will be able to view the list of incubation programme for each course which will be available in the My Courses section There will be type of two options in the incubation programme: 	User	➤ User will automatically be enrolled to both type of option in each course incubation programme	The student is automatically added to the Incubation Programme once they complete the last module of a course and score above 70%. It is within the Incubation Programme that they apply for the loan. Loan applications module cannot be accessed outside the Incubation Programme. They automatically join the forums for the course which they completed successfully.



		T T		
	 A. Course Forum- The forum will have no validity period. The user will be able to view and participate in the forum for each completed course till lifetime B. Ask for Mentor Advice - This option is active for 3 months after the mentor is assigned to the user for mentor advice 			The student who gets a loan approved automatically gets a mentor attached to them. This is only when the loan is approved.
FR21.2	 User will be able to view the forum upon completion of each course There will be a public forum for each course types such as Agriculture, Fishery, etc. Users will be able to view forums for each course taken by him. There will be a forum exclusively created for each course type Facilitator will be able to view the forum upon creating a course and can participate User will be able to perform following activities in the forum: User will be able to create a new forum with a subject matter User will be able to comment on any existing forum User will be able to Like/Dislike any comment User will be able to view the comments and replies posted by other users on any forum User will be able to view the comments and replies posted by other users on its created forum Report abuse to the posted answer- Select reason to report abuse 	User	 ➢ Report abuse to the posted answer- Select reason to report abuse ➢ There will be dropdown option to view and select a reason 	 Receive email notification on receiving a new comment, reply on its created forum Receive email notification on receiving a new comment, reply on the forums like, commented, replied by the user Receive email notification on receiving a Like or Dislike on its created forum Receive email notification on receiving a Like or Dislike on its comments or replies
FR21.3	Ask for Mentor Advice: 1. This section will be a internal messaging platform	User		We had discussed the assignment of a mentor to the user. It has always been my reasoning that the system



	 User will be assigned with a mentor by the admin User will receive a email and SMS notification once assigned with a mentor Users will receive an email and SMS notification for a new message from the mentor. SInce mentor will be able to initiate the message. FOr user, user will not be able to initiate the message to the mentor View mentor profile, the mentor profile will include same details as explained in facilitator profile but will be tagged as Mentor since facilitator is a mentor 		automatically assigns a mentor to a user once the loan is approved. This should be the process.
	Eligibility:		
	The user will be able to take the Mentor advice after qualifying for a loan.		
	2. There will be a Button""Ask for Mentor Advice"",this button would be disabled until the user have qualified the loan		
	3. The user will be able to apply for 1 loan at a time		
	4. The user will be assigned with a Mentor by the admin and can start a One-on-one session which is an internal messaging platform.		
	5. The Mentor will initiate the message with the user and can exchange their messages.		
	6. The user will be able to upload images/videos of the business experiences and vetting progress of setting up the business		
	7. The user will be able to avail the Mentor advice for 3 month period for free		
	8. on the expiry of three months, user will not be able to take the Mentor advice		
	9. User will be able to rate and review the Mentor after three months		
FR21.4	Internal Messaging System:	User	 User will be able to attach a file size of 2 MB maximum If the file size is more, then



	1. 2. 3. 4.	user The user will be able to view and upload the images/videos of the business experiences and vetting progress of setting up the business Upload attachment: a.Browse device b. Drag and Drop			a popup will appear stating "Please upload google drive link" The 2MB file size is applicable for images/document/videos
FR22	Forum		User		
FR22.1	1. 2. 3. 4. 5. 6.	of completed courses The forum will be shown in the name of business types such as Agriculture, Fishery User will be able to view and participate in the forum by clicking on the Forum title in the listing view The forum will be saved with the business name View and search for forum with keyword such as subject matter View the activities such as comments, replies, like, dislike received on it	User	➤ Report abuse to the posted answer- Select reason to report abuse ➤ There will be dropdown option to view and select a reason	 Receive email notification on receiving a new comment, reply on its created forum Receive email notification on receiving a new comment, reply on the forums like, commented, replied by the user Receive email notification on receiving a Like or Dislike on its created forum Receive email notification on receiving a Like or Dislike on its created forum
FR23	Follow	w/Unfollow	User		



FR23.1	 User will be able to follow/unfollow facilitator through the courses details page only View total no. Of followed facilitator and Mentor View listing of followed facilitator and Mentor View profile of each facilitator 	User		Receive email notification when a followed facilitator and mentor published a new course
FR24	Facilitator Profile	User		
FR24.1	View following details in the profile of facilitator and Mentor 1. Name 2. Ratings- Average rating will be displayed on user profile based on the rating received on courses uploaded by the user 3. Profile Image 4. Total No. Of fan followings 5. Listing of courses posted by the facilitator		Click on course name on the listing will take user to the course details page	
FR25	Wallet	User		
FR25.1	 User will be able to view the balance available in the wallet User will be able to add money to the wallet in form of credits for e.g. 1\$= 1 credit User will be able to use the credits while purchasing the courses There will be no withdrawal for the user Loyalty Credits Users at registration will have a virtual wallet created for them and they will have 30 credits in their wallet once they complete registration. 	User		Note: The Loyalty points will be managed by the admin.



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	 6. Users will be able to use the earned credits for 6 free modules across the different courses, as the module costs 5 credits each. As they use the module, it is deducted from the virtual wallet. 7. Upon the first purchase of the referred person, the user who has referred to the referral link will be credited with a FERDI credit in the wallet. The user will be able to use the credits to purchase the course. 8. View transactions of debits and credits in the wallet 			
FR26	Add Money	User		
FR26.1	 Add money to the wallet Add amount to be added Select payment method add add account details Integration of third party payment gateway such as Paypal The amount will be received in the admin bank account 	User	There will be a Integration of third party payment gateway such as Paypal	
FR27	Favorite Listing	User		
FR27.1	 View listing of courses added as favorites Remove all or any course from the favorite Clicking of any course will redirect user to the details page of the course 	User		
FR28	Submitted Loan Application	User		
FR28.1	 View listing of loan applications View status of submitted loan application. The status of each loan application will be updated by the admin 	User		 User will be able to receive a email notification when a new status is updated by the admin for a loan



 3. If the status selected by the admin is "Rejected", view the reason for the rejection. The user will be able to comment on the reason. Re-apply for the loan: In case of rejection, users will be able to apply for the loan by downloading the loan application form and uploading the filled form. 	User	There will be no limit for user to reapply for the loan	application User will be able to receive a SMS notification when a new status is updated by the admin for a loan application
Refer & Earn	User		
 User will be able to refer the platform to other user through sharing the Referral Link The Referral Link is generated by the platform for each user Users will be able to share the Referral Link on whatsapp, Text Message, messenger etc. User will be able to earn the loyalty credits in the wallet on the first purchase of the referred person The system will track the referral person through Referral Link and track the first purchasing of the referred person User will be able to view the credit transaction of loyalty credits in the wallet transaction module and use the credits to purchase the course There will be no validity period to use the loyalty credits for the user 	User		
Logout	User		
Logout from the account	User		
	Re-apply for the loan: 1. In case of rejection, users will be able to apply for the loan by downloading the loan application form and uploading the filled form. Refer & Earn 1. User will be able to refer the platform to other user through sharing the Referral Link 2. The Referral Link is generated by the platform for each user 3. Users will be able to share the Referral Link on whatsapp, Text Message, messenger etc. 4. User will be able to earn the loyalty credits in the wallet on the first purchase of the referred person 5. The system will track the referral person through Referral Link and track the first purchasing of the referred person 6. User will be able to view the credit transaction of loyalty credits in the wallet transaction module and use the credits to purchase the course 7. There will be no validity period to use the loyalty credits for the user	Re-apply for the loan: 1. In case of rejection, users will be able to apply for the loan by downloading the loan application form and uploading the filled form. Refer & Earn 1. User will be able to refer the platform to other user through sharing the Referral Link 2. The Referral Link is generated by the platform for each user 3. Users will be able to share the Referral Link on whatsapp, Text Message, messenger etc. 4. User will be able to earn the loyalty credits in the wallet on the first purchase of the referred person 5. The system will track the referral person through Referral Link and track the first purchasing of the referred person 6. User will be able to view the credit transaction of loyalty credits in the wallet transaction module and use the credits to purchase the course 7. There will be no validity period to use the loyalty credits for the user	Re-apply for the loan: 1. In case of rejection, users will be able to apply for the loan by downloading the loan application form and uploading the filled form. Refer & Earn 1. User will be able to refer the platform to other user through sharing the Referral Link 2. The Referral Link is generated by the platform for each user 3. Users will be able to share the Referral Link on whatsapp, Text Message, messenger etc. 4. User will be able to earn the loyalty credits in the wallet on the first purchase of the referred person 5. The system will track the referral person through Referral Link and track the first purchasing of the referred person 6. User will be able to view the credit transaction of loyalty credits in the wallet transaction module and use the credits to purchase the course 7. There will be no validity period to use the loyalty credits for the user



2.2 Functional Requirements for Facilitator & Mentor- type of users of the platform

ID	Requirement Description	Actor	Elements	Conditions/Comments
FR01	Registration	Facilitator & Mentor		
FR1.1	New user will be able to register with Email address and Password 1. Email address* 2. Password* 3. Confirm Password 4. Submit	Facilitator & Mentor	* marked are mandatory fields	 Note: There will be free registration for facilitator, Facilitator users will not be able to purchase courses and take the course. The facilitator has to register as a user to purchase and take the course. Note: There will be free registration Email Notification-Verification email will be sent to the user on its registered email address, there will be a verification link, clicking on the link will take user to the web application email verification page and thus, the email verification process will be completed and user



FR02 FR2.1	Login Login with Email address and Password	Facilitator & Mentor Facilitator & Mentor Facilitator		will be able to login with the same email address Same SMS to complete registration
FR 03	Complete your Profile	& Mentor		
FR3.1	Facilitator will have to complete the profile and get approved from admin Profile registration form will include details such as: 1. First and Last Name* 2. Email address* 3. Profile Image (Upload in jpg/png)* - Drag & Drop 4. Location - Select from dropdown listing* - Country <state<city<region &="" (upload="" *="" -="" 5.="" 6.="" 7.="" 8.="" 9.="" able="" acceptance="" account="" admin="" alphanumeric="" and="" approval="" are="" be="" box-="" browse="" business="" but="" check="" checkbox="" conditions="" details="" device="" drag="" drop="" dropdown="" edit="" for="" free="" from="" id="" in="" industry-select="" jpg="" license="" listing="" no="" no.<="" not="" of="" on="" permitted*="" platform*="" png)*="" profile="" proofs="" submit="" td="" terms="" text="" the="" to="" upload="" user="" users="" values="" will="" would=""><td>Facilitator & Mentor</td><td>* marked are mandatory fields</td><td> Note: Users will be able to register through the referral link shared with other platform users by clicking on the referral link received via email or SMS notification. The referral link will include the Referral Link of the user Business License Number is not a required field I also did not see the complete profile during the registration page for each user. each user must complete the registration form which has first name, last name etc., Each user and facilitator/mentor must select a drop down menu of how they heard about the course before the registration is complete. </td></state<city<region>	Facilitator & Mentor	* marked are mandatory fields	 Note: Users will be able to register through the referral link shared with other platform users by clicking on the referral link received via email or SMS notification. The referral link will include the Referral Link of the user Business License Number is not a required field I also did not see the complete profile during the registration page for each user. each user must complete the registration form which has first name, last name etc., Each user and facilitator/mentor must select a drop down menu of how they heard about the course before the registration is complete.



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		Facilitator		
FR 04	Account Status	& Mentor		
		Facilitator		Receive email notification on
FR4.1	View status of account request updated by the admin	& Mentor		account status by the admin
	1. In-Process- In Case if the status is in process then the user:			, a
	A. will be a default status shown to the users on submission the account approval request			
	B. Users will not be able to create course until their account is approved by the admin"			
	Not Approved- In case if the admin has not approved the user account, then the user:			
	A. user will not able to create course or view any other module of the platform			
	B. The unapproved user will be able to create the new account registration request with the different email address"			
	3. Approved- Incase if the admin has approved the user account, then the user will be able to:			
	A. Create and Manage courses			
	B. Participate in Forums			
FR 05	D. H I	Facilitator		
FK 03	Dashboard	& Mentor		
FR5.1	View total earnings	Facilitator		
	View total no. Of active courses	& Mentor		
	3. View total no. Of fan followings			
	4. View total no. Of subscribed users taken the courses			
FR 06		Facilitator		
FK UO	Create a new course	& Mentor		



FR6.1	User will be able to create a new course by adding following details: 1. Course Title*- Free textbox- Alphanumeric value are permitted 2. Business Type*- Select from the dropdown listing 3. Course Cover Photo/Video* - Upload image in .jpeg or png - Browse from device - Drag & Drop - Add Youtube link 4. Course Description* 5. Course Language* - This section will include the language of the course 6. Total No. Of module/topics included in the course* 7. Course Duration in hours:minutes:seconds* 8. Learning objectives* - Description- Provided with text box 9. Market overview of the course*- Description - Provided with a text box 10. The expected study time and time spent for internship*- Description - Provided with a text box 11. The financial rewards at the end of Years 1,2 and 3 for each course-Description* -Provided with a text box 12. Add Skills*- Add tags, keywords in the free text box	Facilitator & Mentor	➤ Price of each course will be added and displayed in one currency i.e. Nigerian naira ➤ Button — "Submit" * marked are mandatory fields	Important Note: 1. Each Course title should be unique. 2. The system would check and validate the course title and show if the course title is already available in the platform
FR6.2	·	Facilitator & Mentor	Add more module/topic-By clicking on (+), user will be able to create multiple module/topic for	 Note: Each module will have a video and course texts in pdf format. The PDF will be downloaded by the user for further study. Note: Users will not be



	 Upload PDF*(will be able to add single or multiple pdf documents Add single or multiple videos for each module/topic Module description*- Description- Provided with text box Learning outcomes*- Description- Provided with text box Module Duration in hours:minutes:seconds* Market overview of the course* 	Facilitator	each module/topic Button – "Submit" * marked are mandatory fields Add more	videos in the platform Phase Preview Videom plays at the end of the beginner and intermediate phases and describes the skills the user will acquire after completing the next phase of either intermediate or advance. Note: Facilitators must
FR6.3	Create Skill Assessment for each course: Select course name from the dropdown listing (The drop down listing will include courses created by the user) Each facilitator will have to upload a minimum number of test questions and the answers to the system. The system delivers the questions randomly to the user via the app or website. Select module/topic from the dropdown listing (The drop down listing will include module/topics created by the user for the selected course) Add Question Create answers choices Select answer to each question and save - Select answer from the answer choices and save - The answer will be saved in database and will be used for validation, The answer will not be displayed to the user Bulk Upload: 1. Facilitators will be able to import the assignment in the excel format. The format of the excel sheet will be predefined. It is mandatory for facilitator to import the assignment in the predefined format	& Mentor	questions- By clicking on (+), user will be able to create multiple questions for each module/topic Set no. of Questions to be displayed. It can be selected from the dropdown CTA "Submit" to submit course for admin approval There will be option to add youtube link and upload videos in	 Note: Facilitators must create a bank of several questions that will be used as a pool by the algorithm to generate different question sets for each test. Note: The minimum no. of test questions will be set by the admin.



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			specific format i.e. MP4	
	Important Note:		-	
	 Facilitator will have to create 10 questions for each module minimum and maximum to 30 questions 			
	 If facilitator wants to display 10 questions, he have to add at least 30 questions 			
	3. If facilitator wants to display 5 questions, he have to add at least 20 questions			
	 The system will choose random questions from the question bank of the facilitator " 			
	**There will be an export feature to view the sample export sheet. The facilitator will be able to export the skill assessment for each course.			
		P *1*1		
FR06	Course status	Facilitator & Mentor		
FR6.1	View status of each course request updated by the admin	Facilitator		Receive email notification
	1. In-Process	& Mentor		on course status updated
	2. Not Approved			by the admin
	3. Approved- Incase if the admin has approved the user account, then the			
	course will be published on the platform			
FR 6.2	Courses:			
	View list of courses created by the facilitator and mentor			
	2. View course details such as Course title, modules, skill assessment			
	3. Edit/Delete/Activate/ Inactivate the course			
FR07	Upgraded to Mentor Profile	Facilitator		
	Opproduct to Wichton Frome	& Mentor		
FR7.1	Facilitator will become mentor based on below criteria:	Facilitator		Facilitator will receive an
		& Mentor		email and SMS notification



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			when their profile is
	The Fligibility Criteria would be		upgraded to Mentor
	The Eligibility Criteria would be:		
	1. Hosted 100+ courses		
	2. 1000+ subscriber		
	3. 5 star rating		
	 → Once a facilitator met the above eligible criteria, the profile of the facilitator will be automatically upgraded to Mentor Profile and will be paid from the platform owner → The admin will be able to make a facilitator as an Mentor 		
FR08	Mentor Profile	Facilitator	
		& Mentor	
FR8.1	1. The profile of a facilitator will be displayed with a tag"Mentor"	Facilitator	Mentor will receive an email
	once the facilitator become an Mentor	& Mentor	notification when facilitator
	2. The Mentor will be able to add and manage new courses		profile is upgraded to
	3. The Mentor will be able to do the following activities on the		Mentor profile
	platform:		 Mentors will receive an
	A. Mentor will be able to provide One-on-one session to the		email notification when a
	user through internal messaging system		new user is assigned to the
	B. Admin will assign a Mentor to the user		Mentor for Mentor advice.
	C. The Mentor will be notified when the admin will assign its		 Yes Sapna. I believe that the
	profile with a user for Mentor advice		rating and reviews are after
	D. The Mentor will initiate the message with the user and can exchange their messages.		the period of mentorship.
	E. The Mentor will be able to view the images/videos		
	uploaded by the user of the business experiences and		
	vetting progress of setting up the business		
	F. The Mentor will be able to view the rating and reviews		
	i. The Mentor will be able to view the rating and reviews		II.



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FR09 FR9.1	posted by user for the session G. The Mentor will be able to provide a user an Mentor advice for 3 month period for free H. On the expiry of three months, user will not be able to take the Mentor advice, the internal messaging window will be inactive for users to change the messages I. User will be able to rate and review the Mentor after three months J. The Mentor will be able to view the history of all messages exchanged with each user Internal Messaging System 1. The internal messaging system will be visible to the Mentor only not facilitator 2. The Mentor will be able to initiate the message with the assigned user 3. The Mentor will be able to view the images/videos uploaded by the user of the business experiences and vetting progress of setting up the business 4. The Mentor will be able to view the history of the messages exchanged with each user	Facilitator & Mentor Facilitator & Mentor
FR10	Rating & Reviews	Facilitator & Mentor
FR10.1	 View all the rating and reviews posted by the user for facilitator & Mentor User will be able to rate and post review to the Mentor after 3 month post 'Ask a Mentor Advice" duration for each course 	Facilitator & Mentor
FR11	My Fans	Facilitator & Mentor



FR11.1	 1. View total no. Of fan following 2. Only total count of fan followers will be displayed, user will not be able to view the profile of followers 	Facilitator & Mentor
FR12	Public Forum for each course	Facilitator & Mentor
FR12.1	 Facilitator will be able to view the forum upon publishing each course There will be a public forum for each course types such as Agriculture, Fishery, etc. Facilitator will be able to view the forum for each course created by him. There will be a forum exclusively created for each course type Facilitator will be able to view the forum upon creating a course and can participate Facilitator will be able to perform following activities in the forum: A. Facilitator will be able to create a new forum with a subject matter B. Facilitator will be able to comment on any existing forum C. Facilitator will be able to Like/Dislike any comment D. Facilitator will be able to reply to any comment E. Facilitator will be able to view the comments and replies posted by other users on any forum Facilitator will be able to view the comments and replies posted by other users on its created forum G. Report abuse to the posted answer- Select reason to report abuse 	Facilitator & Mentor
FR13	Forums	Facilitator & Mentor



TECHNOLOGIES

FR13.1	 User will be able to view the listing of multiple forums on the basis of published courses The forum will be shown in the name of business types such as Agriculture, Fishery Facilitator will be able to view and participate in the forum by clicking on the Forum title in the listing view The forum will be saved with the business name View and search for forum with keyword such as subject matter View the activities such as comments, replies, like, dislike received on it Report abuse to the posted answer- Select reason to report abuse 	Facilitator & Mentor	 Receive email notification on receiving a new comment, reply on its created forum Receive email notification on receiving a new comment, reply on the forums like, commented, replied by the user Receive email notification on receiving a Like or Dislike on its created forum Receive email notification on receiving a Like or Dislike on its created forum
FR14	Wallet	Facilitator & Mentor	
FR14.1	 User will be able to view the credits balance in the wallet User will be able to earn on the platform on each course User will be able to view the transactions User will be able to search for the transactions based on course name ,DD/MM/YY User will be able to add money to the wallet in form of credits for e.g. 1\$= 1 credit User will be able to use the credits while purchasing the courses Request for the withdrawal to admin Loyalty Earnings from the platform Upon the first purchase of the referred person, the user who has referred to the referral link will be credited with a FERDI credit in the wallet. The user will be able to use the credits to purchase the course. 	Facilitator & Mentor	



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	View transactions of credits and debit in the wallet, debit will be the commissions amount deducted by the platform on the sale of each course	
FR15	Add Money	Facilitator & Mentor
FR15.1	 Add money to the wallet Add amount to be added Select payment method add add account details Integration of third party payment gateway such as Paypal through PayPal email address and Mastercard/Visa The amount will be received in the admin account 	Facilitator & Mentor
FR16	Withdrawal Request	Facilitator & Mentor
FR16.1	 Add bank account details Add amount to be withdrawn and send request to admin View listing of each withdrawal request and status, the status of the withdrawal request will be updated by the admin 	Facilitator & Mentor
FR17	My Account	Facilitator & Mentor
FR17.1	User will be able manage account in following manner: 1. Edit Email Address 2. Change password A. Enter registered email address B. Enter New Password C. Re-enter New Password 3. Add/Edit/Remove profile photo (upload image in .jpeg,.png format only) A. In case, if user have removed the profile photo then a dummy	Facilitator & Mentor



		· -
	user image will be displayed	
FR18	Refer & Earn	Facilitator & Mentor
FR18.1	 User will be able to refer the platform to other user through sharing the Referral Link The Referral Link is generated by the platform for each user Users will be able to share the Referral Link on whatsapp, Text Message, messenger etc. User will be able to earn the loyalty credits in the wallet on the first purchase of the referred person The system will track the referral person through Referral Link and track the first purchasing of the referred person User will be able to view the credit transaction of loyalty credits in the wallet transaction module and use the credits to purchase the course There will be no validity period to use the loyalty credits for the user 	Facilitator & Mentor
FR19	Logout	Facilitator & Mentor
FR19.1	User will be able to logout from the account by clicking on the logout button	Facilitator & Mentor

2.3 Functional Requirements for Sponsor- type of users of the platform

ID	Requirement Description	Actor	Elements	Conditions/Comments
FR01	Registration	Sponsor		



FR1.1	New sponsor will be able to register with Email address and Password 1. Email address* 2. Password*	Sponsor	* marked are mandatory fields	 Note: There will be free registration Sponsor user will not be able to take the course for itself Note: Email Notification-Verification email will be sent to the user on its registered email address, there will be a verification link, clicking on the link will take user to the web application email verification page and thus, the email verification process will be completed and user will be able to login with the same email address
FR02	Login	Sponsor		
FR2.1	Login with Email address and Password	Sponsor		
FR 03	Complete your Profile	Sponsor		
FR3.1	Sponsor will have to complete the profile and get approved from admin Profile registration form will include details such as: 1. Business Name* 2. Business Owner Name* 3. Email address* 4. Business Logo * (Upload in jpg/png) - Browse from device	Sponsor	Button – "Submit" * marked are mandatory fields	Note: Users will be able to edit the profile details but would not be able to edit the ID proofs and business license no.



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	- Drag & Drop 5. Business Type* - Select from dropdown listing 6. Upload ID proofs* (Upload in jpg/png) - Browse from device - Drag & Drop 7. Check In to the checkbox for user acceptance on terms & conditions of the platform 8. Submit Account for admin approval	
FR 04	Account Status	
FR4.1	View status of account request updated by the admin 1. In-Process- In Case if the status is in process then the user: A. will be a default status shown to the users on submission the account approval request B. Users will not be able to sponsor the course to the users until their account is approved by the admin 2. Not Approved- In case if the admin has not approved the user account, then the user: A. user will not able to sponsor course or view any other module of the platform B. The unapproved user will be able to create the new account registration request with the different email address 3. Approved- Incase if the admin has approved the user account, then the user will be able to: A. Sponsor courses	Note: Receive email notification on account status by the admin



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FR05	Dashboard			
FR5.1	View total no. of sponsored courses status of the students Important Note: Sponsor will be able to purchase the course and sponsor it, Sponsor users will not be able to take the course that means cannot start the course.			
FR06	Search a Course			
FR6.1	Registered user will be able to search and browse course based on: 1. Search course based on business types A. Select Business type from the dropdown list 2. Search course based on course level A. Select course level from the dropdown list - Course level will be Beginner, Intermediate, Advanced (Each course have three levels i.e. Beginner, Intermediate, Advance) 3. Type Keyword to search the relevant course appearing with the same keyword	Sponsor	➤ The search result will be displayed on the basis of: Business Types <course level<="" th=""><th> Note: The list of business types will be added and managed by the admin. Note: The list of course levels will be added and managed by the admin. </th></course>	 Note: The list of business types will be added and managed by the admin. Note: The list of course levels will be added and managed by the admin.
FR07	Search a Course	Sponsor		
FR7.1	User will be able to browse listing of courses based on the search performed;	Sponsor		



Course Listing Preview:- Course Listing preview will include following details about the course:

- 1. Course Title
- 2. Business Type
- 3. Course Cover Photo /Preview video
- 4. Course Duration
- 5. Course Price (Currency Nigerian naira)
- 6. Ratings

Course Details Page View:- Course details page view will include following details about the course:

- 1. Course Title
- 2. Business Type
- 3. Course Cover Photo
- 4. Course offered by Linked with FAcilitator profile (FAcilitator is the publisher of the course)
- 5. Course Ratings
- 6. Course Description
- 7. Syllabus
- 8. Total No. Of modules or module/topics included in the course:

A course will include modules arranged as Beginner,Intermediate, Advances . For e.g. If the course is including 35 modules , a user will see the modules arranged in beginner (say 10 courses); intermediate (say another 10 courses) and advanced (say 15 courses). So only the first course is active and the other 34 courses are visible but greyed out"

- 9. Course Duration
- 10. Total No. Of subscribers already subscribed for the course, only count

CTA:There will be Call To Action Button available on each course preview: 1. Click on course image or title to view the

- 2. Add course into favorite by clicking on the heart icon available on the each course preview
- 3. Buy Course

details page

CTA:There will be Call To Action Button available on each course preview:

1. Buy Course: In order to start the course, user have to register/login into the system

2. Add course into favorite by clicking on the heart icon available

on the each course.



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	of subscribers will be shown. There will be no subscriber listing shown 11. Skills you gain- This section will include tags, keywords 12. Course Language - This section will include the language of the course 13. Reviews or Testimonial from other users/subscribers who have taken the course Students can take the course module by module and must take an objective test at the end of each module. They must score above 70% before they are permitted to view the next module.		preview 3. Click on Facilitator profile image or name and view the facilitator profile 4. Follow/Unfollow the Facilitator	
FR08	Purchase a course	Sponsor		
FR8.1	 User will be able to purchase the course in following manner: Click on "Add to cart" button on the course listing page and clicking on he add to cart button will take user to the payment options: Proceed to check out or add more courses Add more courses will take user to the course listing page Proceed to check will take user to the payment options: User will be able to select the course from the shopping cart and proceed to pay User will be able to remove any course added in the shopping cart Pay through wallet Integration of third party payment gateway such as Paypal through PayPal email address and Mastercard/Visa There will be no quantity input box User will be able to purchase multiple courses at a single time 	Sponsor	CTA button: 1. Add to Cart 2. Proceed to checkout 3. Shop more	Corporate Sponsors sponsoring many people may pay directly into the Ferdi account and get a code that entitles them to register an approved number of people for a course. So the system should be able to generate codes that can be entered by the sponsor and it automatically provides a number of slots for sponsorship.
FR09	Sponsor the course	Sponsor		
FR9.1	Add user details to sponsor the course: A. Name*	Sponsor	Button – "Submit"	Note: Notification will be sent to users with sponsor referral link which include





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B. Email address* C. Mobile No.* D. Choose notification type*: - Send Email Notification - Send SMS Notification - Send both	* marked are mandatory fields	course details page and sponsor user code" Note: System will generate a referral link automatically .
 2. The sponsored course will include the tag of sponsor profile .The Sponsor will be able to sponsor the course in the following manner: A. When a sponsor purchases a course and wanted to sponsor, the user will type the email address and phone no. of the user he would like to sponsor B. The system will check in the database for the user registered with the email address C. If the user is already registered then it will display the user is a registered user of the platform, if the user is not registered using the email address mentioned by the sponsored user, then the invite will be sent to the unregistered user to sign up D. If the user is registered, the sponsor user will be able to see if the sponsored user has been any history for the same course subscribed E. In case if the user has received the same course sponsorship request from two different sponsors then the user will have its choice to accept the sponsorship of any sponsor F. In case if the user has not accepted or ignored the sponsored course invite within 5 days, the payment of that course will be refunded back to the sponsor's wallet and the sponsor user will be able to see the refund payment status as "Course Not accepted". 		



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	G. The invite will be sent to the guest user who is not registered in the platform. The invite will be sent to the guest user through email and SMS notification. The guest user will be able to click on the invite link and will be redirected to the registration page and further accept the sponsored course.		
FR10	Wallet	Sponsor	
FR10.1	 User will be able to view the credits balance in the wallet User will be able to add money to the wallet in form of credits for e.g. 1\$= 1 credit and use credits to purchase and sponsor courses User will be able to use the credits while purchasing the courses Use credits in purchasing a course View listing of withdrawal request and status of each request which is updated by the platform admin Loyalty Earnings from the platform Upon the first purchase of the referred person, the user who has referred to the referral link will be credited with a FERDI credit in the wallet. The user will be able to use the credits to purchase the course. 	Sponsor	Note:Receive email notification on course statuses updated by the admin Not allowed as the course is fully sponsored by sponsor and the referred person will not be purchasing a course except what you mean is that sponsor can also refer people and then earn money based on the referral.
FR11	Add money to the wallet	Sponsor	
FR11.1	 Add amount to be added Select payment method add add account details Integration of third party payment gateway such as Paypal through PayPal email address and Mastercard/Visa The amount will be received in the admin bank account 	Sponsor	This is the section where the sponsor enters the code received for bulk sponsorship after paying money into the Ferdi account.



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	5. Sponsors would not be able to raise the withdrawal requests from the wallet		
FR12	Sponsored Courses	Sponsor	
FR12.1	View listing of all sponsored courses and their status Each sponsored courses will include following details: 1. Course Name 2. Username 3. Status- Course in process, completed, expired Search and filter courses based on status, course name	Sponsor	
FR13	Users sponsored by the sponsor	Sponsor	
FR13.1	View listing of all users who is sponsored by the sponsor View status of each user who is sponsored by the sponsor. The status would be: 1. Course in process, completed, expired 2. Applied for Loan 3. Loan qualified The status will be automatically updated in the system based on the user activity Each sponsored user will include following details: 1. Name 2. Course Name 3. Course Sponsored date 4. Status	Sponsor	Important Note: The sponsorship will not be refunded back and will be valid for 15 days after it is being sponsored



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	 → Search and filter users based on user name, course name → Sponsor will be able to view the listing, will not be able to edit, delete, take back the sponsorship → Export report in .pdf format. The report will have FERDI Logo 		
FR14	My Account	Sponsor	
FR14.1	User will be able manage account in following manner: 1. Edit Email Address 2. Change password	Sponsor	
FR15	Refer & Earn	Sponsor	
FR15.1	 User will be able to refer the platform to other user through sharing the Referral Link The Referral Link is generated by the platform for each user Users will be able to share the Referral Link on whatsapp, Text Message, messenger etc. User will be able to earn the loyalty credits in the wallet on the first purchase of the referred person The system will track the referral person through Referral Link and track the first purchasing of the referred person 	Sponsor	Is this necessary? I do not think so.



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	 6. User will be able to view the credit transaction of loyalty credits in the wallet transaction module and use the credits to purchase the course 7. There will be no validity period to use the loyalty credits for the user 	
FR16	Reports	Sponsor
FR16.1	 The sponsors will also receive monthly reports on the progress of persons that they're sponsoring. Generate report for the sponsored courses and users on the basis on user name, date(From and To) Report will include following details: A. Course Name B. Username C. Status: Course in process,completed,expired D. Stage: such as completing the course, User applied for a loan, Loan is qualified, Taking Mentor advice, etc." 	Sponsor
FR17	Log out	Sponsor
FR17.1	User will be able to logout from the account by clicking on the logout button	Sponsor

2.4 Functional Requirements for Administrator- type of users of the platform

ID	Requirement Description	Actor	Elements	Conditions/Comments
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FR01	Login	Admin	55
FR1.1	Admin will be able to login to the admin panel through: 1. Email address* 2. Password* 3. Change Password- Only super admin will be able to change the password of the admin panel. There will be integration Captcha and email notification will be sent to admin with the change password link. a) Enter new password b) Re-enter new password	Admin	Button – "Submit" * marked are mandatory fields
FR02	Dashboard	Admin	
FR2.1	 View total earnings View total no. of Facilitators View total no. Of Users View total no. Of Sponsors View total no. Of sponsors View total no. Of active courses There also needs to be a statistics bar that shows how many students have successfully completed the courses, obtained loans etc. Quick links Facilitator Account Request Sponsor Account Request Courses Approval Requests 	Admin	
FR 03	User Management	Admin	



FR3.1	 View /edit/delete/activate/deactivate users Search for users by user name/email address Filter Search users based on: A. Users' name B. Location C. Type of user- User/Facilitator/Mentor/Sponsor D. Time spent (System Timestamping- User registration date) View users list View user profile details Edit /delete user Active/Inactive users For Facilitator, admin will be able to upgrade any facilitator as a Mentor "For Facilitator, admin will be able to view the following logs:	Admin	
FR 03	Account Status	Admin	
FR3.1	View status of account request updated by the admin 1. In-Process- In Case if the status is in process then the user: A. This will be a default status shown to the users on submission the account approval request	Admin	As mentioned earlier, we do not need admin to approve for users. This is automatic. User enters names, email and phone number and gets sent an SMS. Comes back with the code in the SMS, enters it and that completes the registration



	B. Users will not be able to sponsor the course to the users until their account is approved by the admin" 2. Not Approved- In case if the admin has not approved the user account, then the user: A. The user will not be able to sponsor course or view any other module of the platform B. The unapproved user will be able to create the new account registration request with the different email address" 3. Approved- Incase if the admin has approved the user account, then the user will be able to: A. Sponsor Courses		for a user.
FR 04	Facilitator Account Request	Admin	
FR4.1	 View user account verification requests View listing for following user types: Facilitator View user details Update status of each user as: A. In process- Default status B. Un approved	Admin	
FR 05	Sponsor Account Request	Admin	
FR5.1	 View user account verification requests View listing for following user types: Sponsor Update status of each user as: 	Admin	



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	A. In process- Default status B. Un approved - Provided with text box to add reason of unapproval C. Approved		
FR06	Courses Management	Admin	
FR6.1	 View listing of all courses View details of each courses Time spent (System Timestamping- course submission date) View course facilitator name Active/deactive the course Search for courses based on course names. user 	Admin	
FR07	Courses Approval Request	Admin	
FR7.1	 View courses requests View course details Update status of each course as: A. In process- Default status B. Un approved - Provided with text box to add reason of unapproval C. Approved 	Admin	



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FR08	System Settings	Admin		
FR8.1	 Business Type: Add, update, and delete Course Levels: Add, update, and delete Location Management: Add, update delete, activate, deactivate locations Reasons for report abuse: Add, update, and delete Set minimum no. of test questions: Add, update, and delete Course Status: Add, update, and delete Stage Status: Add, update, and delete 	Admin		
FR09	Assign a Mentor	Admin		
FR9.1	 View listing of user request for Mentor advice Admin will be able to assign a Mentor to the user in incubation in following manner: A. Assign Mentor - There will be a CTA available in the incubation user list section through which admin will be able to assign a mentor to each user in incubation programme B. Select Mentor from the dropdowns " 	Admin	➤ CTA=Assign Mentor	 Email & SMS Notification will be sent to the mentor and user once assigned Important Note: Mentors will be paid by the platform admin but will be paid outside the platform. There is no feature in the platform for admin to pay the mentor and mentor to raise the pay request. System should automate mentor allocation to user.
FR10	Commission Management	Admin		



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FR10.1	 Set/edit commission in % The commission will be taken on sale of each course from the facilitator 	Admin	
FR11	Transactions	Admin	
FR11.1	 View transaction for commissions earned View debit and credit transactions Filter transaction by DD/MM/YY(from and to) 	Admin	Note: The Debit is the loyalty credits distributed to the users for loyalty
FR12	Tax Management	Admin	
FR12.1	 Set/edit tax in % The tax value will be applicable on the sale of each course from the facilitator 	Admin	
FR13	Withdrawal Requests	Admin	
FR13.1	 View listing of withdrawal request by the facilitators and sponsors View and update status of each request 	Admin	 Important Note: The amount (on purchasing of each course by users, sponsors) will be received in the admin bank account. The admin will pay off the facilitator /sponsors with the balance amount offline,outside the platform through manual transfer of the amount in the respective user bank account." This is to be done through a process
			in the office.



			Sponsors cannot submit withdrawal request
FR14	Loyalty Points Management	Admin	
FR14.1	Set value of loyalty credits for following activities: 1. New user registration 2. Loyalty Credits on first purchase for refer and earn model - This will be applicable for all types of platform users Set value in form of Credits such as 1 credits , the credits will be virtual money credited to the user's wallet and will be deducted from the admin's commission	Admin	
FR15	Sub Admin Users Management	Admin	
FR15.1	 Admin will be able to View/Add/edit/activate/deactivate sub admin users Grant/revoke accessible module wise permission through User access management Add new sub admin user by adding following details: A. User Name B. Email address (Invite sub admin to access the platform and login through email address) C. Password D. Assign Location- Select location from the dropdown listing E. Assign module wise permissions 	Admin	
FR16	Loan Applications Management	Admin	
FR16.1	 View listing of loan applications submitted by the business professionals Download each application in PDF Update status of each application as Approved, Rejected, In 	Admin	Loan application is not an offline form but an online form



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	 process. The default status of the application upon submission will be "In Process" 4. If the status selected by admin is "Rejected", admin will be able to add a reason for the rejection, which will be displayed to the user in their dashboard 5. Admin will be able to view the history of users loan application with time stamp 		
FR17	Email Notification Template Management	Admin	
FR17.1	View/Add/edit email templates for email notification Explained in section 2.7 Email & SMS Notifications	Admin	
FR18	SMS Notification Template Management	Admin	
FR18.1	View/Add/edit email templates for email notification Explained in section 2.7 Email & SMS Notifications	Admin	
FR19	Reports	Admin	
FR19.1	Generate Reports: 1. Users- Generate reports based on A. Users types 2. Commissions A. Commission earned on the basis of Facilitator B. Commission transaction for specific duration (Select fromDD/MM/YY, to specific DD/MM/YY) 3. Loyalty Bonus given to the platform users A. Loyalty bonus earn by specific user, select user from the dropdown - Filter by user types such as users/	Admin	



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	facilitators/ Sponsor" B. Loyalty Bonus given to the platform user for specific duration (Select fromDD/MM/YY, to specific DD/MM/YY		
FR20	Content Management of CMS pages	Admin	
	View/add/edit/delete content for CMS pages such as: 1. Banner Images 2. Tutorial video- Youtube link 3. Textual Content 4. Contact us Inquiries: A. View inquiries submitted by the users B. The admin will respond to the inquiries outside the platform. This feature will be provided for book keeping to the admin user.	Admin	CMS Support applicable on the following pages: 1. Homepage 2. How it Works 3. Blogs 4. Terms and conditions 5. Privacy policy 6. Contact Us 7. About us 8. Cookie Policy Exclusions: a. Label Management b. Navigation Structure Management c. Contact us Form Management
FR21	Logout	Admin	
	Admin will be able to logout from the account by clicking on the logout button	Admin	



2.5 PWA (PROGRESSIVE WEB APP) OFFLINE SUPPORT

- Users
 - Users will be able to view the content of courses after being purchased in the offline mode
 - The following features would need internet connectivities and will not be accessed in offline mode:
 - Registration/Login
 - Search & Browse courses
 - Purchase a course
 - Checkout
 - Skill assessment, purchasing of new courses
 - Generate a Certificate
 - Participation in forums
 - Mentor advice- internal messaging system
 - Accept sponsorships
 - Account Management
 - Refer & Earn
 - Wallet
 - Withdrawal request
- Facilitator & Mentor
 - The offline support will **not be applicable** for facilitator and mentor
- Sponsor
 - The offline support will **not be applicable** for sponsor
- Administrator
 - The offline support will **not be applicable** for administrator and sub admin user

Note: Offline support would be applicable for only PWA, not for web platforms.

RECONTEQ.M2.6 DESIGN REQUIREMENT

Prototype & UX



- Homepage HTML
 - > 2 new draft of home page will be provided This is a website and mobile app that must be EXTREMELY graphically pleasing. 2 new drafts of home page will not be acceptable as key to the success of the platform is the designs/graphics.
 - Two rounds of revisions allowed on the homepage's selected draft except where the designer is totally brilliant. I actually expect some more rounds of revisions.
 - Additional revisions will be charged extra If the drafts are not accepted, will it be fair to charge more for the work. I have shown you www.ulesson.com and the work we intend to do must be so much better than this.
- 10 Unique Inner Pages Design
 - > Inner pages will be designed to match the home page design
 - > 2 drafts of each page
 - > Two round of revisions allowed on selected drafts
 - Additional revisions will be charged extra
 - > Create inner pages keeping some elements of the home pages intact (10 inner pages)
 - > CTA Planning on Homepage & Inner Pages
 - > Following Brand guidelines in terms of Colors, Font Style, Font Size.
 - > Logo (logo psd/color codes will be provided by the client)

2.7 EMAIL & SMS NOTIFICATIONS

S.N	Notification Description	Type Of Notification	Notification Users
о.			
	The Course Admin will get the notification for a new user, sponsor and facilitator registered on the platform	Email Notification	Admin (Courses Admin)
	The Course Admin will get the notification to review and approve the course added by the facilitator.	Email Notification	Admin (Courses Admin)
	The Finance Admin will get the notification on receiving a new payment on the platform	Email Notification	Admin (Finance Admin) Sapna. This is like an enterprise system with different departments responsible for



	different features of the system. The admin has no business with finance related information and so we need to have configurable emails in each module backend where the notifications are sent to.
Email Notification	Admin (Incubator Admin)
Email Notification	Admin
Email Notification & SMS Notification	User
Email Notification & SMS Notification	User
Email Notification & SMS Notification	User
Email Notification & SMS Notification	User
Email Notification & SMS Notification	User
Email Notification & SMS Notification	User & Mentor
Email Notification & SMS Notification	User & Mentor
Email Notification & SMS Notification	User, Facilitator, Mentor, Sponsor
Email Notification & SMS Notification	Facilitator
	Email Notification Email Notification & SMS Notification



The facilitator will get the notification on a course approval request status	Email Notification & SMS Notification	Facilitator
The facilitator and mentor will get the notifications when its profile is followed by a user	Email Notification & SMS Notification	Facilitator,Mentor
The facilitator and mentor will get the notifications when a new rating and reviews are received on the courser	Email Notification & SMS Notification	Facilitator, Mentor
The facilitator will get the notification everytime its course is purchased by the user.	Email Notification & SMS Notification	Facilitator
The facilitator will get the notification when its profile is upgraded to the Mentor's profile either by eligibility criteria or by admin.	Email Notification & SMS Notification	Facilitator
The sponsor will get the notification when its course is accepted by the user	Email Notification & SMS Notification	Sponsor
The sponsor will get the notification on refund of payments in the wallet when its course is not accepted by the user in 5 days from the sponsoring date	Email Notification & SMS Notification	Sponsor
The sponsor will get the notification oninvalid status of its sponsored course if the user has not stated the sponsored course in 15 days from the sponsoring date	Email Notification & SMS Notification	Sponsor