

Durbin

Requirement Analysis



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Requirement Analysis

1.1 General purpose of document

This paper presents a system's approach for e-learning systems. E-learning systems have been increasingly addressing learning resources sharing (text, images, video, online data, etc.) and reuse, interoperability and other more different modes of interactions. E-learning systems consist of complex activities and most of them have been designed based on client-server or peer to peer, and recently web services architecture. These systems have major drawback because of their limitations in scalability, availability, distribution of computing power and storage systems, as well as sharing information between users that contribute to these systems. Initially a simplified and idealized description of an e-learning model of the system will be discussed. From the user point of view it contains some material presentation of components, typically html pages with different contents, followed by the task or activity to be performed by learner, tutor or administrator. But durbin has some exceptional features to solve this kinds of problem.

1.2 System background

Durbin is basically an online educational platform. There are others apps related to education like Durbin. But every platform has their own motive some will cover academic syllabus and some will cover unacademic. Durbin will provide everything there is also personal and skill development option and foreign studies option and it also open every types of job sectors in front us by providing their curriculum preparation. And sometimes people fail to find the perfect job because less information about job sectors. This will also help student to find jobs according to their skills and qualification. Situation that had been occurred due to COVID-19, has hampered the education system a lot. Durbin can provide great service in this situation, by using durbin they can prepare for their competitive examination, thus they can not go to school, college and university because of lockdown.

In this project the team talk about project general purpose ,system background and objectives, description of approach for the project, detailed characteristics of proposed system (data & functionality) and description of operating environment. The team has learned at lot from our honorable sir. We have applied those in our project and use every information that required to make this requirement analysis.

System Function

1.3 System Function

Durbin is basically an online educational platform. This platform will provide Bangladesh educational system. There are many competitive exam in Bangladesh, students had to go through this exam and our app will basically ease their problem. The features that are used in this project they are-

- ❖ Free e-Book
- ❖ E-learning Platform
- ❖ Educational newsfeed
- ❖ Freelancing platform
- ❖ Trusted freelancer
- ❖ Competitive examination
- ❖ Entertainment segment
- ❖ Job newsfeed
- ❖ Gain working experience
- ❖ Make working profile
- ❖ Live classes
- ❖ QnA with course teacher
- ❖ Choose teacher

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1.4 System behavior

This part describe how the project functions work in this project.

The registered member can enjoy some free e-book, they also can download it offline.

To use Durbin students needs to choose their competitive exam and to read the course material they needs the subscription for the course. Students needs to pay a certain amount of money to buy the subscription.

We want to give them a platform which make the learning for effective and we can remove their fear about competitive exam. By providing them good tutor who will make their study easy.

We also want to make a freelancing platform so that we can provide more job opportunity.

We also help our customers to build their working profile and also provide them real world working environment experience.

We also want to make an entertainment segment one can gain money from that segment and it also helps one to develop their IQ level.

In our educational system will always have a problem that 'X' sir can not clarify the lesson well. We can understand the lesson more if our teachers will be more qualified or our school provides us more qualified teachers who can make the lesson more understandable. . Sometimes we thought that I can understand this lecture more easily if the 'X' person was my lecturer. By using this we can choose our teacher according to our taste.

Teachers will receive mails from students regarding their problems and there will be an extra segment where solutions of the problems asked by students will be published . Example : (**Ask.com**)-It is a option of solution part, which will only be accessible by only registered students.

To make class more effective and easier for students : The class will be divided into two segments

1. There will be a recorded part by the teacher who will thoroughly conduct his lecture of that day, this recorded part will be given to the students day before their scheduled class .

2. The 2nd segment will be a live session on scheduled time. This session is only for Ques-Ans regarding yesterdays recorded topic and teachers special points about the topic.

students will be more comfortable watching the recorded lecture than live session and can repeat the difficult points and note down the points then ask the teacher next day during live session.

To attract our students we will give them the opportunity of having part time / full time jobs in our own platform or other related platforms . The criteria will be: Top 5 students will be selected then through viva we will select them. Top 5 will be chosen in terms of their attendance reviews quiz , exams etc. The jobs will be: in case of websites , web developer , web designer, marketing sector, editor, part time new teacher etc. to spread and enlarge our platform.

Analysis Objective

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2.1 Identify customer's needs.

Before building something for our target customer, we really need to learn about their needs, their problems and what they want from us. So here are some of the thing-

- There are others apps related to education like Durbin. But every platform has their own motive some will cover academic syllabus and some will cover unacademic. People can not find both this thing in one platform.
- People fail to find the perfect job because less information about job sectors.
- People are unable to make their working profile according to their skills. Sometimes they are also less experienced to work on working environment.
- Due to COVID-19, the education system has hampered a lot. They can not prepare for their competitive examination, thus they can not go to school, college and university because of lockdown.
- Freelancing site is great for any situation, and there is none big freelancing platform in Bangladesh as they can work for their own country site.

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2.2 Evaluate system for feasibility

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Particulars	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12
2	Admin Cost												
3	Studio Rent	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	70,000.00	70,000.00	70,000.00
4	Stationeries	500,000.00	500,000.00	500,000.00	500,000.00	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00
5	Domain and Host			150,000.00									
6	Web Maintenance			100,000.00									
7	Electricity + Net+ Others	6,500.00	6,500.00	6,500.00	6,500.00	6,500.00	6,500.00	6,500.00	6,500.00	6,500.00	7,000.00	7,000.00	7,000.00
8	Sub-Total	556,500.00	556,500.00	806,500.00	556,500.00	81,500.00	81,500.00	81,500.00	81,500.00	81,500.00	102,000.00	102,000.00	102,000.00
9	HR Cost												
10	Graphics Designer	40,000.00	40,000.00	40,000.00	40,000.00	40,000.00	40,000.00	40,000.00	40,000.00	40,000.00	40,000.00	40,000.00	40,000.00
11	Web Developer	55,000.00	55,000.00	55,000.00	55,000.00	55,000.00	55,000.00	55,000.00	55,000.00	55,000.00	-	-	-
12	Web Developer 2	60,000.00	60,000.00	60,000.00	60,000.00	65,000.00	65,000.00	65,000.00	65,000.00	65,000.00	65,000.00	65,000.00	65,000.00
13	Android Developer	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	-	-	-	-	-	-	-
14	Android Developer 2	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	-	-	-	-	-	-	-
15	Teacher Salary			200,000.00	200,000.00	200,000.00	200,000.00	200,000.00	200,000.00	200,000.00	200,000.00	200,000.00	200,000.00
16	Domain and Host	-	-	150,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Sub-Total	275,000.00	275,000.00	625,000.00	475,000.00	480,000.00	360,000.00	360,000.00	360,000.00	360,000.00	305,000.00	305,000.00	305,000.00
18	Marketing Cost	-	-	-	400,000.00	400,000.00	400,000.00	400,000.00	400,000.00	400,000.00	400,000.00	400,000.00	400,000.00
19	Printing Cost	-	-	-	-	-	70,000.00	70,000.00	70,000.00	70,000.00	70,000.00	70,000.00	70,000.00
20	Total Expenses/Month	831,500.00	831,500.00	1,431,500.00	1,431,500.00	961,500.00	911,500.00	#####	911,500.00	911,500.00	#####	#####	#####
21													
22													
23	Revenue												
24	Monthly Subscription Fee	-	-	-	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00
25	Sales Volume	-	-	-	100.00	200.00	500.00	1,000.00	1,500.00	2,500.00	3,500.00	5,000.00	7,000.00
26	Quiz Fee	-	-	-	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
27	Sales Volume	-	-	-	10.00	50.00	100.00	150.00	250.00	500.00	600.00	700.00	800.00
28	Total	0.00	0.00	0.00	50,500.00	102,500.00	255,000.00	#####	#####	#####	#####	#####	#####
29													
30													
31													
32	Particulars	Year 1	Year 2	Year 3	Year 4	Year 5	Total						
33	Estimated Expense	11,764,500.00	13,529,175.00	15,558,551.25	17,892,333.94	20,576,184.03	79,320,744.22						
34	Estimated Revenue	22,907,500.00	34,361,250.00	46,387,687.50	62,623,378.13	84,541,560.47	250,821,376.09						
35	Net Cash Flow	11,143,000.00	20,832,075.00	30,829,136.25	44,731,044.19	63,965,376.44	171,500,631.88						
36													
37													
38													
39													

Pay Back Period

1.0 Year

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2.3 Perform economic and technical analysis

Here work distribution of team member and working progress according to time has shown:

SI N	Task name	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
1	Requirements Analysis	Payel	Payel	Payel	Nirob	Nirob	Nirob	Ayan	Ayan
2	Analysis Objectives	Payel	Ayan	Ayan	Ayan	Ayan	Nirob	Nirob	Payel
3	Software Requirements Analysis Phases	Payel	Hamza	Hamza	Hamza	Nirob	Nirob	Nirob	Nirob
4	Management Questions	Payel	Nirob	Ayan	Hamza	Walid	Walid	Ayan	Hamza
5	Feasibility Study	Ayan	Ayan	Ayan	Nirob	Nirob	Payel	Payel	Nirob
6	Functional requirements	Hamza	Payel	Hamza	Hamza	Nirob	Nirob	Nirob	Payel
7	Non-functional requirements	Hamza	Ayan	Ayan	Ayan	Walid	Walid	Walid	Hamza
8	Requirement Validation	Payel	Nirob	Hamza	Ayan	Walid	Payel	Ayan	Nirob
9	Software Requirements Elicitation	Walid	Walid	Walid	Walid	Walid	Walid	Walid	Payel
10	Facilitated application specification technique	Payel	Payel	Payel	Payel	Payel	Payel	Payel	Payel
11	Use Cases	Nirob	Nirob	Nirob	Nirob	Ayan	Ayan	Ayan	Ayan
12	User Profile	Payel	Payel	Payel	Payel	Payel	Payel	Payel	Payel
13	Analysis Principles	Ayan	Ayan	Ayan	Ayan	Nirob	Nirob	Nirob	Nirob
14	Information Domain	Hamza	Hamza	Hamza	Hamza	Hamza	Hamza	Hamza	Payel
15	Minimum Viable Product	Payel	Payel	Payel	Payel	Payel	Nirob	Ayan	Payel

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2.4 Allocate functions to system elements

- ❖ Free e-Book
- ❖ E-learning Platform
- ❖ Educational newsfeed
- ❖ Freelancing platform
- ❖ Trusted freelancer
- ❖ Competitive examination
- ❖ Entertainment segment
- ❖ Job newsfeed
- ❖ Gain working experience
- ❖ Make working profile
- ❖ Live classes
- ❖ QnA with course teacher
- ❖ Choose teacher

This are the functions we need to allocate in this project. And the project is nothing without this features.

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2.5 Create system definitions

To use Durbin students needs to choose their competitive exam and to read the course material they needs the subscription for the course. Students needs to pay a certain amount of money to buy the subscription. We will give them a platform which make the learning for effective and we can remove their fear about competitive exam. By providing them good tutor who will make their study easy. We also want to make a freelancing platform so that we can provide more job opportunity. We also help our customers to build their working profile and also provide them real world working environment experience. We also will make an entertainment segment one can gain money from that segment and it also helps one to develop their IQ level. To attract our students we will give them the opportunity of having part time / full time jobs in our own platform or other related platforms . The criteria will be: Top 5 students will be selected then through viva we will select them. Top 5 will be chosen in terms of their attendance reviews quiz , exams etc. The jobs will be: in case of websites , web developer , web designer, marketing sector, editor, part time new teacher etc. to spread and enlarge our platform.

Software Requirements Analysis Phases

Name: Israt Jahan Payel

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3.1 Problem recognition

Durbin is basically an online educational platform. This platform will provide Bangladesh educational system. There are many competitive exam in Bangladesh, students had to go through this exam and our app will basically ease their problem. All of us have to go this exam and this kind of exam needs good preparation. To use Durbin students needs to choose their competitive exam and to read the course material they needs the subscription for the course. Students needs to pay a certain amount of money to buy the subscription. They can learn any topic according to their choice and they also can choose their teacher. If there is no lecture of a particular teacher which the students are choosing they can drop requesting video for the teacher. Students will use Durbin by Durbin app and Durbin website. There are others apps related to education like Durbin. But every platform has their own motive some will cover academic syllabus and some will cover unacademic but Durbin cover both of them. Durbin will provide everything there is also personal and skill development option and foreign studies option and it also open every types of job sectors in front us by providing their curriculum preparation. And sometimes people fail to find the perfect job because less information about job sectors. This will also help student to find jobs according to their skills and qualification.

In our educational system will always have a problem that 'X' sir can not clarify the lesson well. We can understand the lesson more if our teachers will be more qualified or our school provides us more qualified teachers who can make the lesson more understandable. . Sometimes we thought that I can understand this lecture more easily if the 'X' person was my lecturer. Durbin can solve this kinds of problem. And sometimes its became difficult to continue higher education due to financial problem, family problem, Under qualified teachers, inadequate infrastructure etc. Durbin can solve all this problem because Durbin does not educate a person, it helps someone to make their own identity.

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3.2 Evaluation and synthesis

The things we want to do for our customers is that-

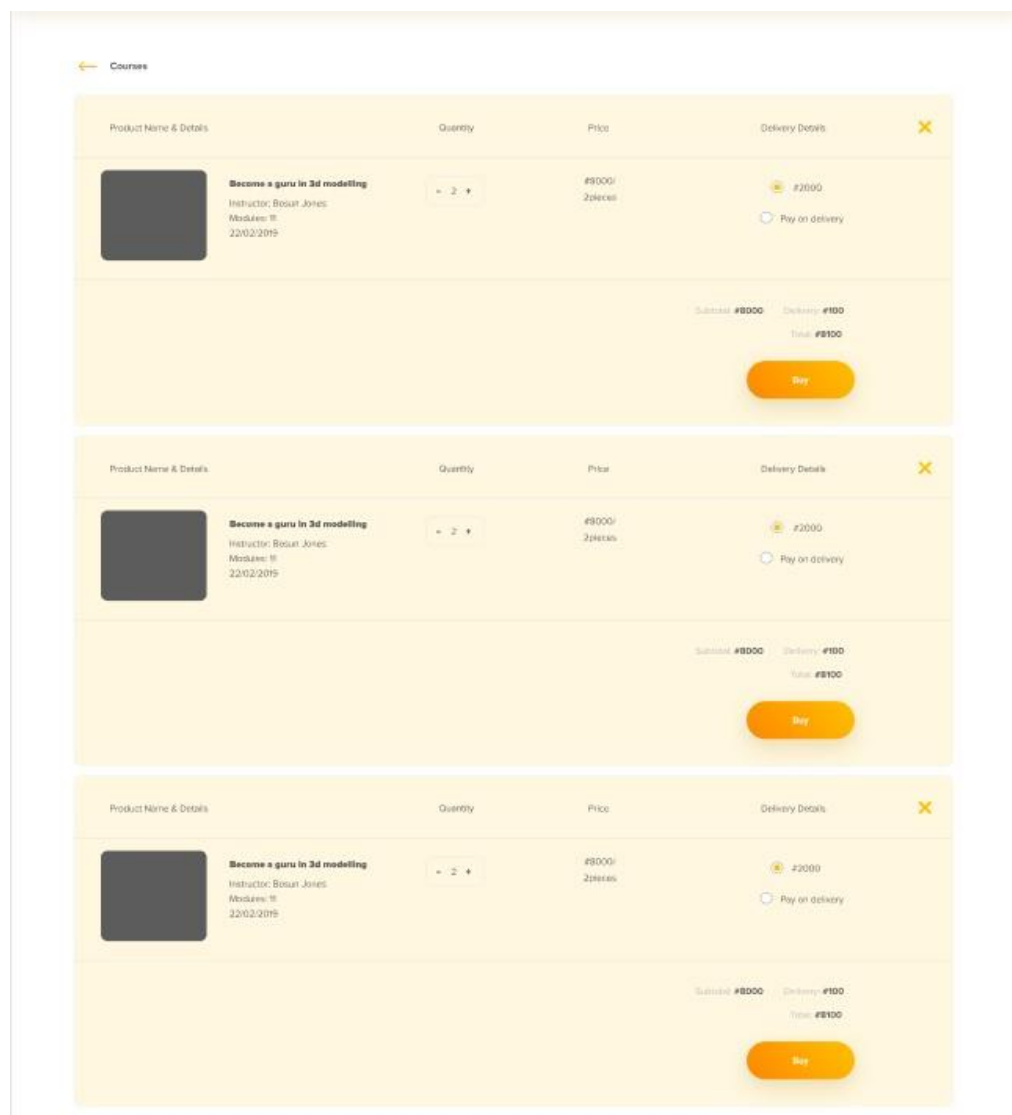
- We want to give them a platform which make the learning for effective and we can remove their fear about competitive exam. By providing them good tutor who will make their study easy.
- We give student a chance to earn their own money according to their skills.
- We also want to make a freelancing platform so that we can provide more job opportunity.
- We also help our customers to build their working profile and also provide them real world working environment experience.
- We also want to make an entertainment segment one can gain money from that segment and it also helps one to develop their IQ level.

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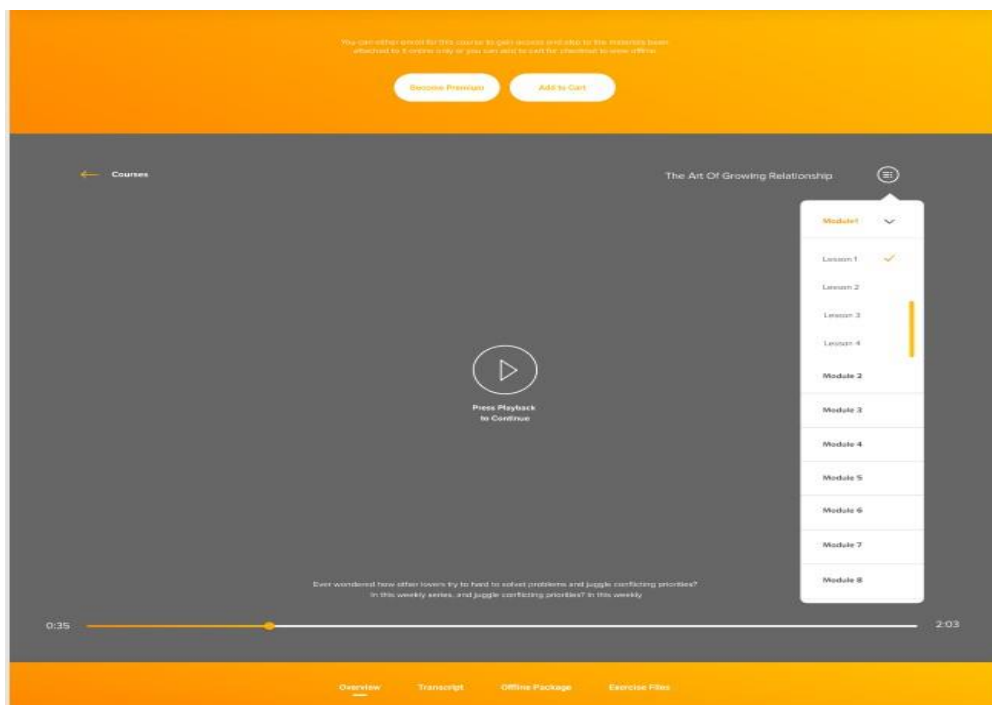
3.3 Modeling & UI/UX Design

We already know about the features of our project. Our project do provide some great features. By reviewing all our features and their behavior we surely can struct a model according to our project features. So here is the project model-

UI/UX Design



14 | Page



Let's Talk!

We do normally get back within 48hrs. Please leave a message.

Leave A Comment

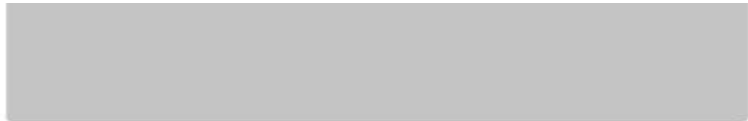
Your email address will not be published. Required fields are marked *

Name

Email

Your Comments

Send



Luxury is something everyone desires from time to time. Such an indulgence can make a vacation a truly rejuvenating experience. One of the best ways to get the luxury of the rich and famous to fit into your budget can be yours through yacht charter companies. These companies specialize in creating custom sailing vacations that redefine travel.

Planning Your Luxury Trip

With your budget in mind, it is easy to plan a chartered yacht vacation. Companies often have a fleet of sailing vessels that can accommodate parties of various sizes. You may want to make it a more intimate trip with only close family. There are charters that can be rented for as few as two people.

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"With your budget in mind, it is easy to plan a chartered yacht vacation. Companies often have..."

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Reply



"With your budget in mind, it is easy to plan a chartered yacht vacation. Companies often have..."

35 mins ago, 15 November 2019

Reply



"With your budget in mind, it is easy to plan a chartered yacht vacation. Companies often have a fleet of sailing vessels that can accommodate parties of various sizes."

35 mins ago, 15 November 2019

Reply

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What Students Say

Semaj Africa is an online education platform that delivers video courses, programs and resources for individual, Advertising & Media Specialist.

“

Semaj Africa is an online education platform that delivers video courses, programs and resources for individual, Advertising & Media Specialist, Online Marketing Professionals, Freelancers and anyone.



Arthur Brooklyn
Categories: 3d Modeling

“

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Semaj Africa is an online education platform that delivers video courses, programs and resources for individual, Advertising & Media Specialist, Online Marketing Professionals, Freelancers and anyone.



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Categories: 3d Modeling

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Free

Become A Web Developer

Premium

Embark On The Journey
Of Becoming An Artist

Free

4 Weeks Photography
Bootcamp

Premium

Learn Organisation
Management

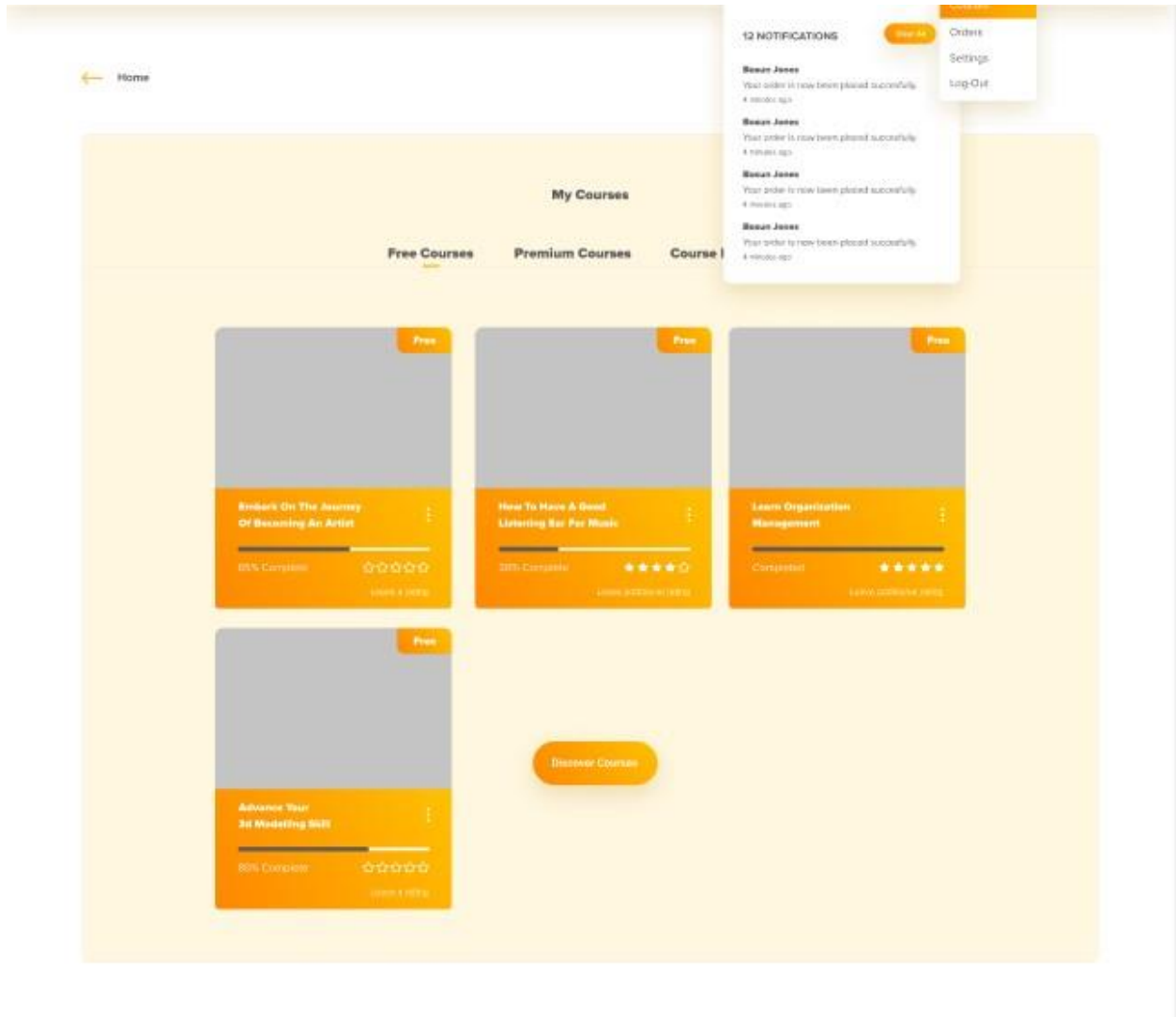
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Premium

How To Have A Good
Listening Ear For Music

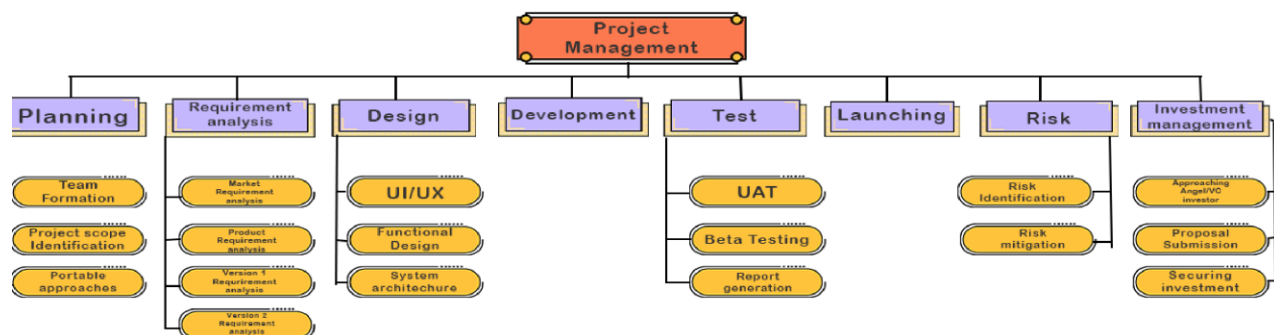
Discover



Management Questions

Requirement analysis is very important for our project. But there are others important things in our project which we need focus. Here are some important factor which we need to focus, like we don't want to give all our attention to analysis. There are other important thing which need our focus and attention.

- 3 members from our team we do the analysis 16h a day, each member will give 4h.
- Whole team we will give their time on analysis, so that project can have everyone point of view.
- As we go through our analysis part than come the implementation part. If we can do our analysis part well, then the implementation will be easy. Otherwise we need to do the analysis part again. Hopefully our analysis about our project is good, so we hope that we will not face any kinds of complications.
- At the beginning phase our project, do not need any investor but after launching the project we do need investor.



Feasibility Study

Name: Mariyam Bin Ayan

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5.1 Economic feasibility

Website build cost around 2lakh

For Web maintenance we need 1lakh in every year

Website host cost: 100\$ in every year

Website domain cost : 10\$ in every year

App cost overall 11lakh taka

	A	B	C	D	E	F	G	H
1	Year	NCF	Collected Pay Back	Pay Back Period				
2	0	-11,764,500.00	-	1.0 Year				
3	1	11,143,000.00	11,143,000.00					
4	2	20,832,075.00	31,975,075.00					
5	3	30,829,136.25	62,804,211.25					
6	4	44,731,044.19	107,535,255.44					
7	5	63,965,376.44	171,500,631.88					
8								
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23								
24								

	A	B	C	D	E
1	NPV,IRR			Interest	5%
2	Year	Net Cashflow	Present value		
3	0.00	-11,764,500.00	-11,764,500.00		
4	1.00	11,143,000.00	10,612,380.95		
5	2.00	20,832,075.00	18,895,306.12		
6	3.00	30,829,136.25	26,631,367.02		
7	4.00	44,731,044.19	36,800,340.75		
8	5.00	63,965,376.44	50,118,546.19		
9	NPV		131,293,441.04		
10	IRR		148.01%		
11					
12					
13					
14					

5.2 Technical feasibility

➤ 5.2.1 Software requirement

For website:

Frontend:

Language: React(javascript framework)

It's used for handling the view layer for web and mobile apps. React also allows us to create reusable UI components. ... React allows developers to create large web applications that can change data, without reloading the page. The main purpose of React is to be fast, scalable, and simple.

Backend:

Django(Python framework)

Django is a high-level Python web framework that enables rapid development of secure and maintainable websites. Built by experienced developers, Django takes care of much of the hassle of web development, so you can focus on writing your app without needing to reinvent the wheel.

Database:

PostgreSQL

PostgreSQL is widely used in large systems where read and write speeds are crucial and data needs to be validated. PostgreSQL also works well with Business Intelligence applications but is better suited for Data Warehousing and data analysis applications that require fast read/write speeds.

Our app:

Frontend: react native(javascript framework)

React Native is great for mobile apps. It provides a slick, smooth and responsive user interface, while significantly reducing load time. It's also much faster and

cheaper to build apps in React Native as opposed to building native ones, without the need to compromise on quality and functionality.

Backend: Django(Python framework)

Django is a high-level Python web framework that enables rapid development of secure and maintainable websites. Built by experienced developers, Django takes care of much of the hassle of web development, so you can focus on writing your app without needing to reinvent the wheel.

Database:

PostgreSQL

PostgreSQL is widely used in large systems where read and write speeds are crucial and data needs to be validated. ... PostgreSQL also works well with Business Intelligence applications but is better suited for Data Warehousing and data analysis applications that require fast read/write speeds.

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➤ 5.2.2 Hardware requirement

- Studio.
- Computer.
- Audio Interface.
- Digital Audio Workstation (DAW).
- Printer.
- Internet gear.

We also need some office tools because we need our own office. And also need our own studio where the tutor can record their tutorial video.

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5.3 Legal feasibility

In our project customers will provide us their data, though we will analyze our customers based on their data. So here came a term data piracy that's why we need a legal document. By this we can launch our project in a legal way, and the document will prove that our project is free from any data piracy.

This analysis investigates whether any aspect of the proposed project conflicts with legal requirements like data protection acts, social media laws, etc. Some information about Bangladesh data privacy act, which we need to follow to avoid any illegal activity.

- With the enactment of the **Digital Security Act, 2018**, Bangladesh has stepped into the data or information protection regime. ... Section 26 requires that an individual's explicit consent or authorisation be obtained for collecting, selling, storing/preserving, supplying or using his or her identity information.
- Under **Article 43**, the Constitution grants every citizen the right, subject to any reasonable restrictions imposed by law in the interests of the security of the State, public order, public morality, or public health, to the privacy of his/her correspondence and other means of communication.
- Mushtaq Ahmed was arrested 10 months ago under Bangladesh's Digital Security Act (DSA), which **allows security forces to carry out arrests without a warrant of anyone criticizing the government online.**

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5.4 Alternatives

Every project have many alternative, there feasibility study can be different if different person does the work. Though we already done our feasibility study, but here is my prospective about our project.

Software~

A software development tool is a program used to create, maintain, support, or debug other applications and software.

There are several types of software development appliance, each performing a specific role.

- **Github:** GitHub is a provider of Internet hosting for software development and version control using Git. It offers the distributed version control and source code management functionality of Git, plus its own features
- **Gleek:** Just like GitHub, Gleek is not a software development tool. It's a Data modeling tool that offers text-to-diagram functionality
- **Codepen:** it's a great place to find inspiration. You can share your CSS, Javascript, and HTML related problems with others on the platform to find a quick solution.
- **Buddy:** Buddy is another software development tool for web developers. The tool makes use of delivery pipelines to deploy, test, and build software.
- **Cloud9 IDE:** This online integrated environment program allows users to clone entire environments without any issues. This online integrated environment program allows users to clone entire environments without any issues.
- **Atom:** No best software development tools list can be complete without the mention of Atom, a well-recognized text-editor that's surprisingly free to use. This open source tool can be of huge help for developers.
- **Bootstrap:** Bootstrap has fallen in popularity in recent times but it's still pretty good. It offers ready-made code blocks and is good at maintaining consistency.
- **HTML5 Builder:** It makes it easy to develop cross-platform apps and is pretty good when it comes to collaboration. A lot of developers use it to create apps that require geolocation due to built-in tools.
- **Azure:** Azure is the go-to place for many developers who want to build, manage, and develop web apps. It supports a huge range of programming languages, devices, frameworks, and operating systems and is quite fast.
- **Axure:** Axure makes it easy to produce documentation, prototypes, and wireframes. It's typically used by IT consultants, product managers, and business analytics

experts but can turn out to be useful for developers as well, which is why it is on this list.

Website~

A *website* gives the visibility on World Wide Web which is an extra platform to run a business even in some cases even there is no need a local space.

- A content management system (CMS) .
- A reliable web hosting service.
- UX (user experience)
- SEO basics.
- Analytics tools.
- Value proposition.
- Testimonial page.
- Email campaigns.
- Contact forms with thank you pages.
- Social media links and integration.

Application~

Apps reduce staff workload by information requests and phone calls. They simplify communications by securely, instantly and directly messaging customers.

Key Components for a Successful Mobile App:

- Value.
- The Platform.
- The Back-end.
- UI/UX
- Security
- A Good Speed. The speed matters the most.
- The Solution to A problem.
- A Single Focus.
- Simplicity.
- High performance.
- Feedback Option.
- Versions.

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Functional requirements

It will provide us some idea about how can a user use this. What are the features they can use on our platform. And it will also showcase us how the project will perform.

We do normally get back within 48hrs. Please leave a message.

Full Name:

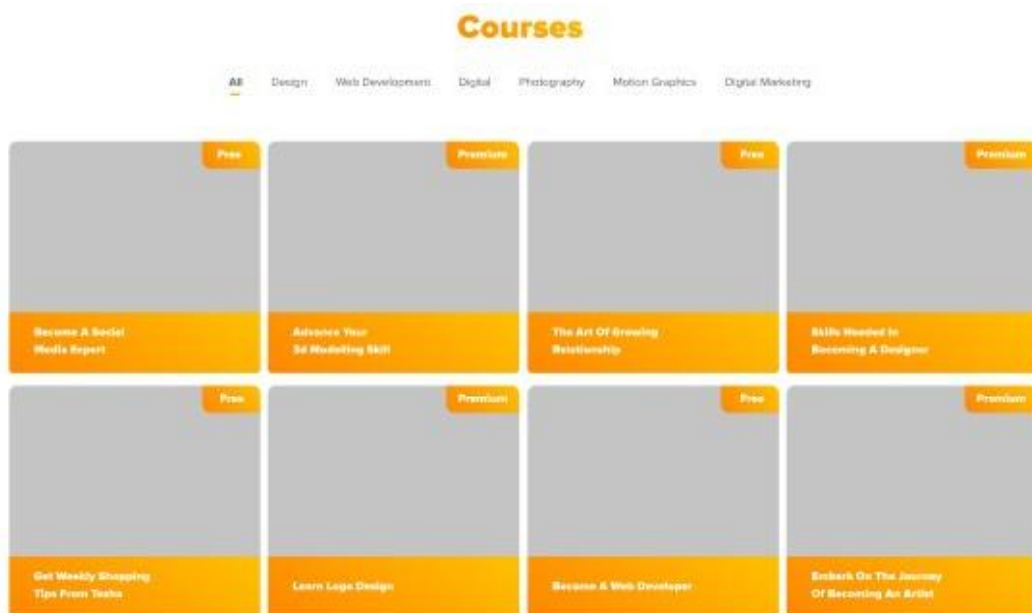
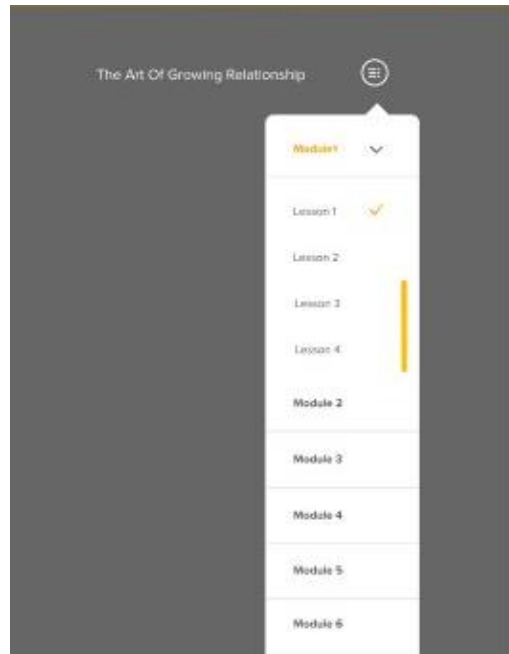
Country / Region:

Street Address:

City:

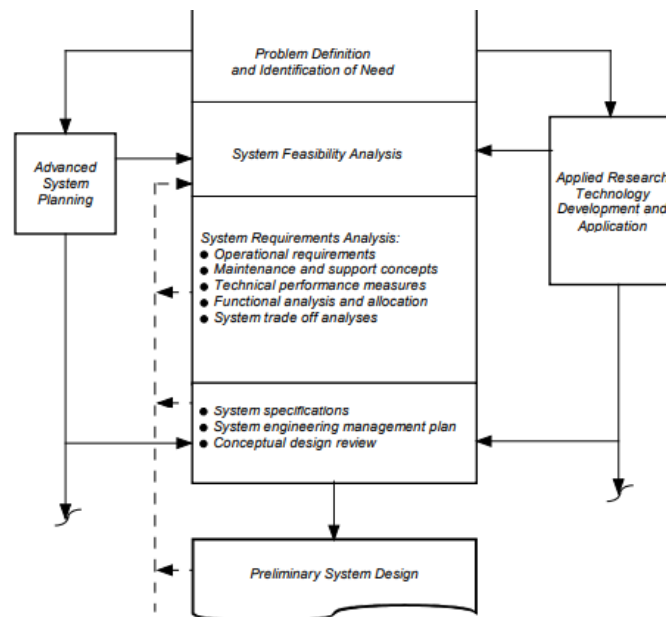
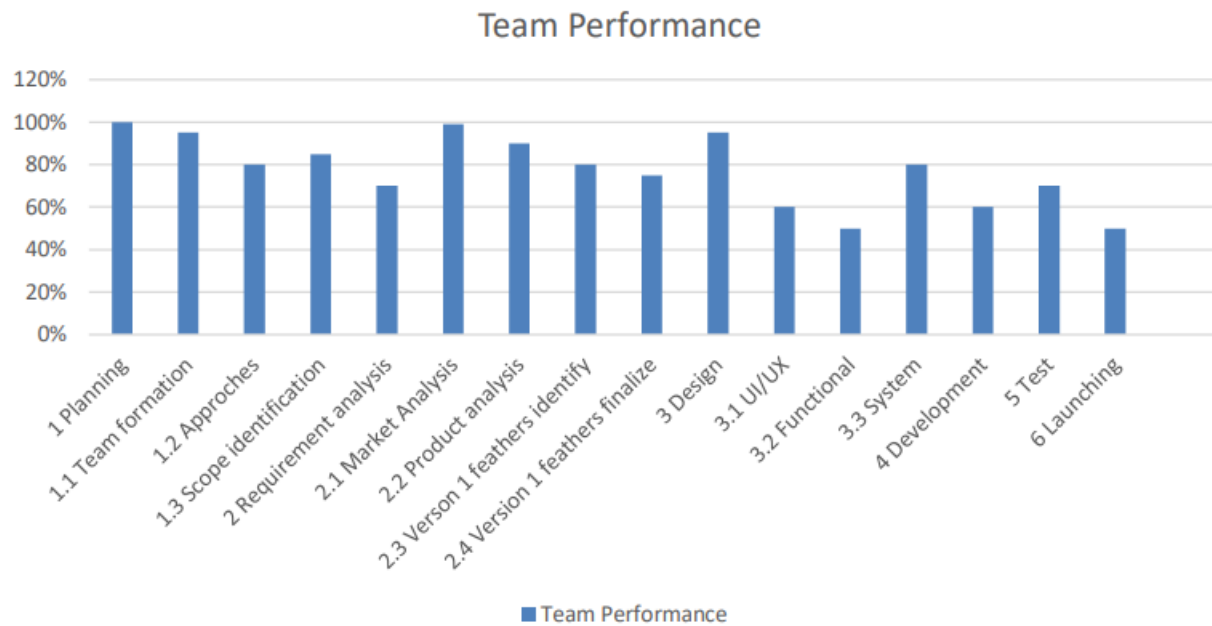
Your Message:

Send Message



Non-functional requirements

Here get to know about our project framework, team performance and system requirement process. From this part we can also know about the phase of our work. And here we need to focus on how can we make our project more user friendly. And how can we improve our project performance. And we to focus on two important fact that our project is less time consuming and it's page loading speed is good. Here is the system requirement process and team performance-



Targeted Audience:

Age: 10-40

Gender: male/female/others

Occupation: Student

User skill level

Communication – Both Written And Verbal.

When it comes to job-related skills, communication outranks just about every other skill on the block. This is especially true in the eLearning market because professionals are required to effectively communicate often complex topics to learners in ways which they can understand.

Android phone- They need to know about android phone how can they use android phone.

Computer- They need some basic knowledge about how to use a computer.

Internet- They need to know about internet because without that they can not use our project.

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Requirement Validation

As far the analysis I can say that we are one the right track because, our require analysis is correct, it is consistence and the requirement analysis is complete. Before making the requirement analysis we had a plan on our mind and our analysis so far fulfill our plan. So we can certainly shift to the implementation part.

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Software Requirements Elicitation

Before working on the software part we need to have a customer meeting so that we can have our customer point of view. We need to make question set for our customer based on their answer we can update some of our features.

Question Part:

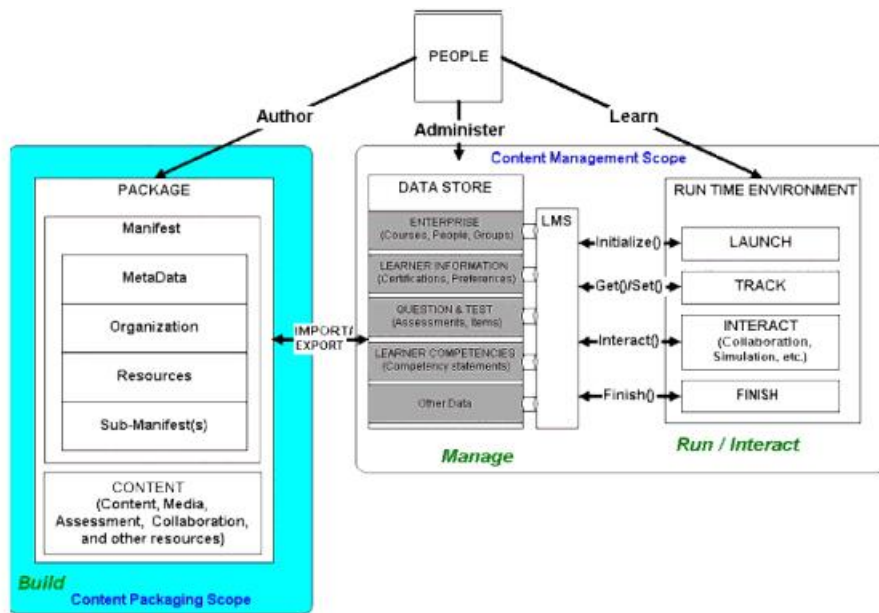
1. Are you happy with our features?
2. How do you think we can improve our site or app?
3. What do we do something, we will be able to keep more students focused on this?
4. What to do think about our entertainment part?
5. Which type of teachers will you prefer?
6. What is your reaction to our freelancing site?
7. Will you use this this platform?
8. What do you think about our competitive exam part?

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Facilitated application specification technique

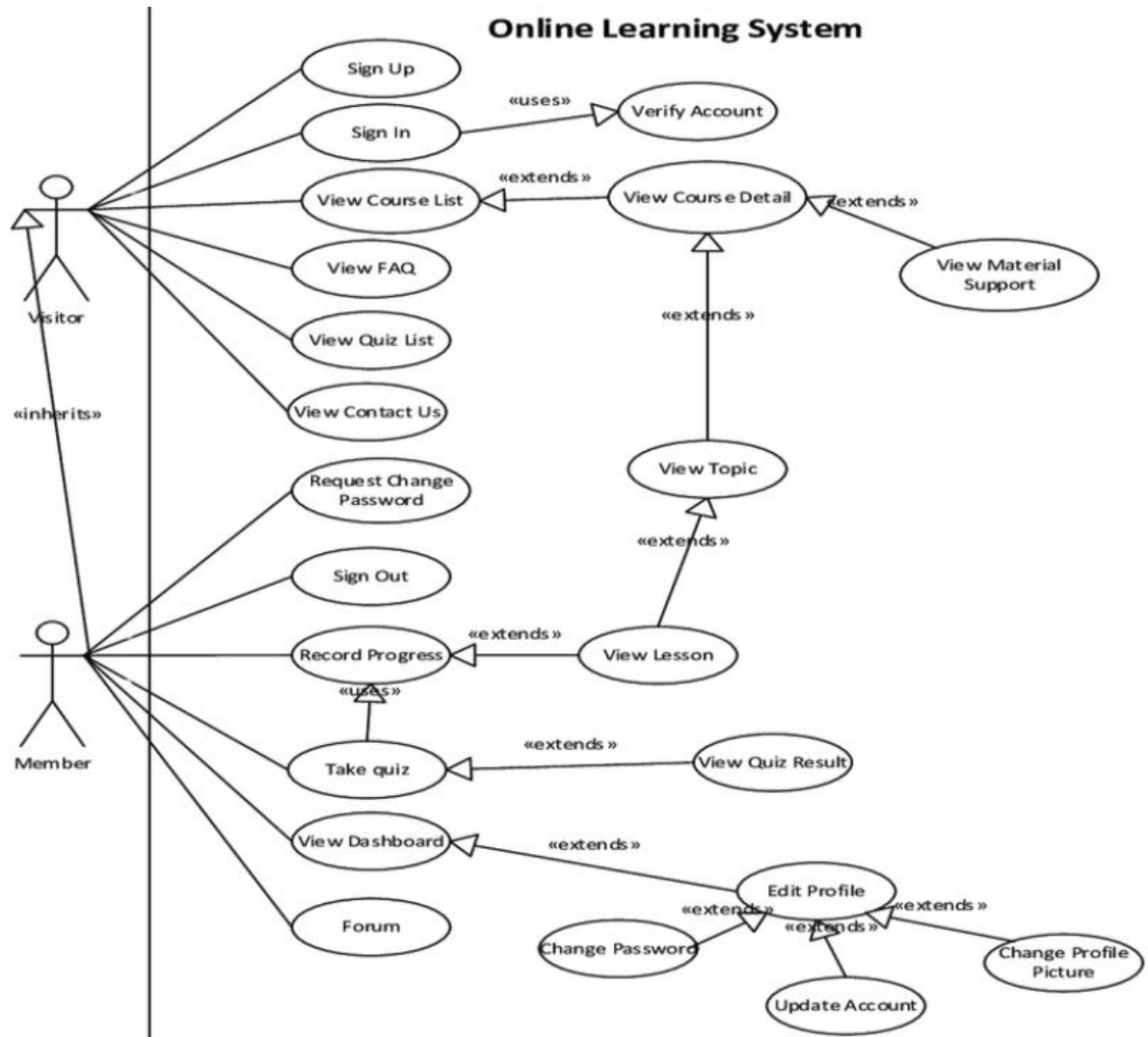
Based on customer review we have clear picture of our project. As we have done our analysis part so we can have a meeting with our developer team. And based on our project framework they can implement our project. Here the framework of the project-



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Use Cases

Here user can be guided by using a scenario, that how they should act upon certain scenario. Like one can not use this without any internet connection, and course materials can not download offline. We have not provide any offline service one can simply copy our course materials.



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User Profile

Here the read-only users will only read the database and cannot insert, delete or modify any records. Inspector will be able to insert new inspection details, facility information and generate letters. They will be also able to modify the entries they made in the past. Manager will be able to do all the record maintenance tasks. They will be able to modify any records created by any users. Administrator will be able to change any application settings, as well as maintaining user profiles.

Full Control (Administrator)-	Name: Israt Jahan Payel
Read/Write/Modify All (Manager)-	Name: Asraful Sarkar Nirob
	Name: Mariyam Bin Ayan
Read/Write/Modify Own (Inspector)-	Name: Hamza-Al-Razi
	Name: Walid Bin Sadek
Read Only (General Public)-	Users

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Analysis Principles

Each analysis method has a unique point of view, however all analysis methods are related by a set of operational principles. The functions that the software is to perform must be defined. This part discuss feedback after B-release. And update the project according to B-release. A software release life cycle is the sum of the stages of development and maturity for a piece of computer software. Cycles range from its initial development to its eventual release, and include updated versions of the released version to help improve software or fix software bugs still present in the software. Beta testing is the final round of testing before releasing a product to a wide audience. The objective is to uncover as many bugs or usability issues as possible in this controlled setting. But there is no B-release for our project.

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Information Domain

Here we need to focus on the fact that project data maintain it's consistency. We need set the process step by step. Also need to careful about that, which data is handling which information. We need build the structure before organizing the data. An information domain is a grouping of people and/or roles, information objects, and other resources. This grouping represents a working group in real life

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Minimum Viable Product

According to difficulties level

Tasks	Easy	Medium	Hard
Analysis	***		
Implementation		***	
Investor			***

According to priority level

Tasks	Critical	Major	Minor
Analysis	***		
Implementation		***	
Investor			***