

# IIC FYP Mid-Term Defense

## Guardian

Date:2022/02/17

Presented by  
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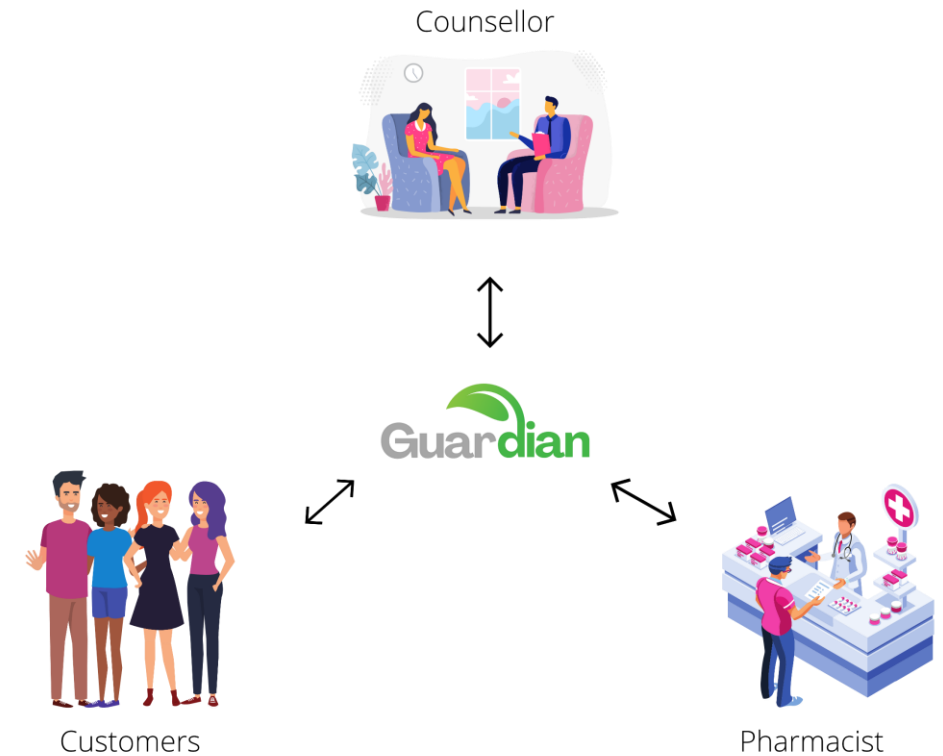
# Problem Statement

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- Growing cases of Covid-19 and Unconditional lockdown.
- Difficult in accessing the medical health services and medicines.
- Increase in mental illness problems.
- Aged people and disabled people are dependent upon others.
- Difficulties on figuring out the prescribed medicines.

# Solution

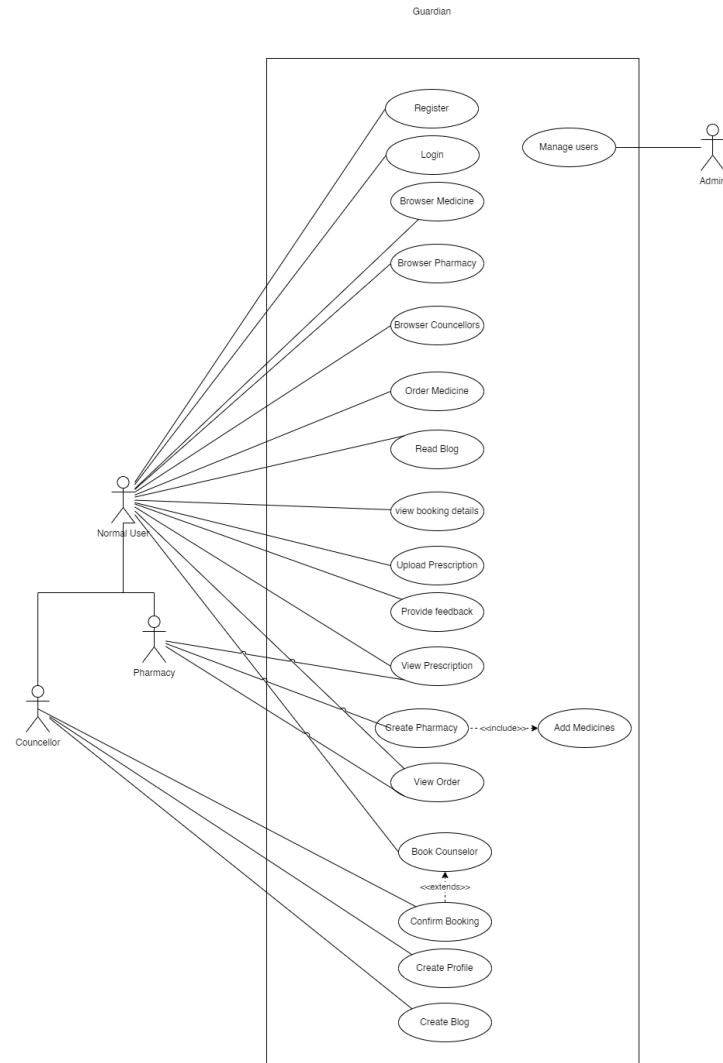
- Web application
- It acts as a hub between customers, phone number down pharmacist and counsellor.
- Customers can order their prescribed medicines, share their prescriptions.
- Pharmacists and counsellors can broaden their onsite business into an online site.



# Literature survey(Similar System – Comparison)

Name	Analysis	Features taken or can consider
Netmeds.com	They have high user trust, with different features like upload prescription, ordering medicines with the location tracker feature.	uploading prescription, Health related news
Dhani Pharmacy	They provide primary health care as well as provide pharmacy services. Similarly, they also have video call system to operate with their patients.	Adding category for health care products, Online OPD system.
Nepmeds	They have collaborated with 400 plus company to provide proper services to the customs. Similarly, it provides doctor consultation, online laboratory, and wholesale item for small pharmacies.	User interfaces, feature to submit prescriptions, Collaborating with small pharmacies.

# Project Workflow (Use-case diagram)

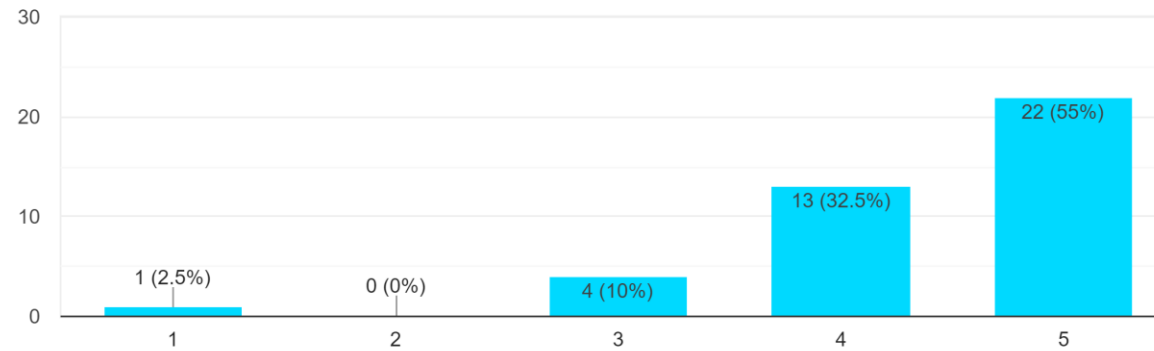


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# Project Perception (Project Survey)

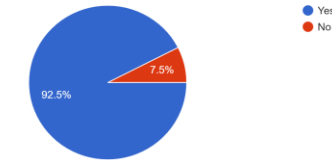
Rate the usefulness of this project in our daily life.

40 responses



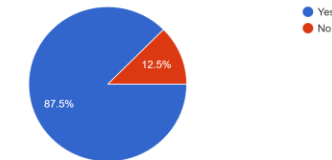
Have you ever felt the need of an online platform to order medicines and to connect with your counsellor simultaneously during the lockdown?

40 responses



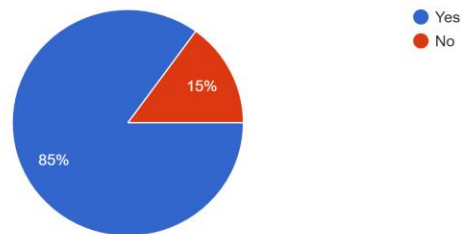
Have you ever felt difficulties in understanding the prescriptions given by doctors and invoice given by pharmacist?

40 responses



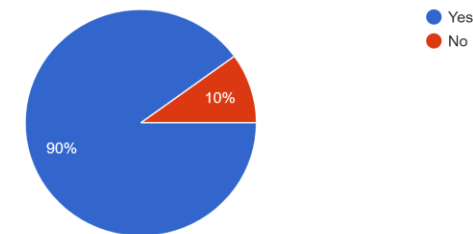
Do you prefer ordering medicines online?

40 responses



Do you prefer booking therapy session online?

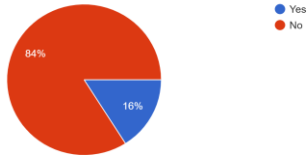
40 responses



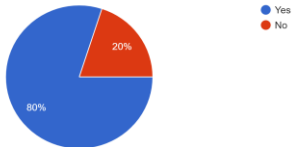
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# Project Perception (Project Survey)

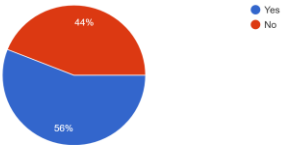
Do you think every patients can understand the prescription?  
25 responses



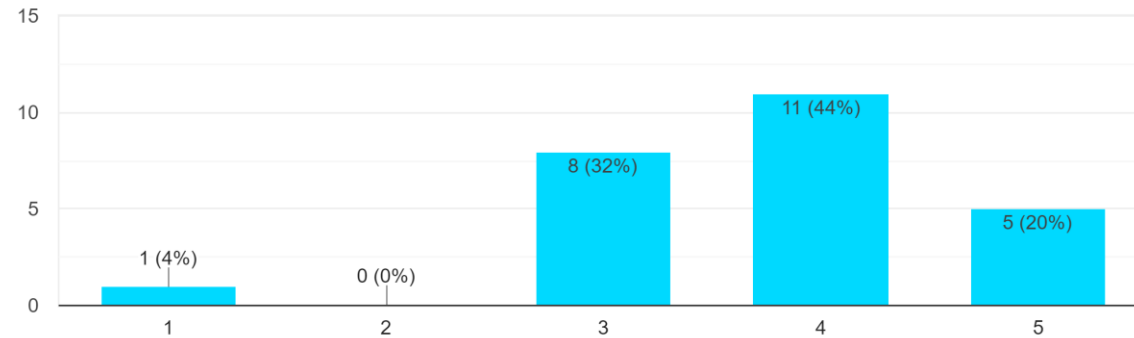
Do you prefer booking therapy session online?  
25 responses



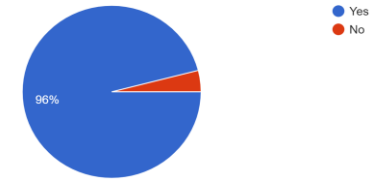
Have you ever faced the need of an online platform to order medicines and to connect with your counsellor simultaneously?  
25 responses



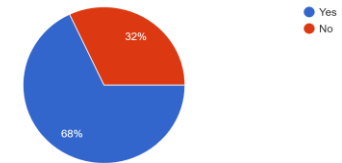
Rate the usefulness of this project in our daily life.  
25 responses



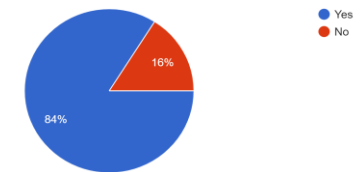
Do you think finding counsellor via this application will be helpful?  
25 responses



Have you ever felt difficulties in understanding the prescriptions?  
25 responses



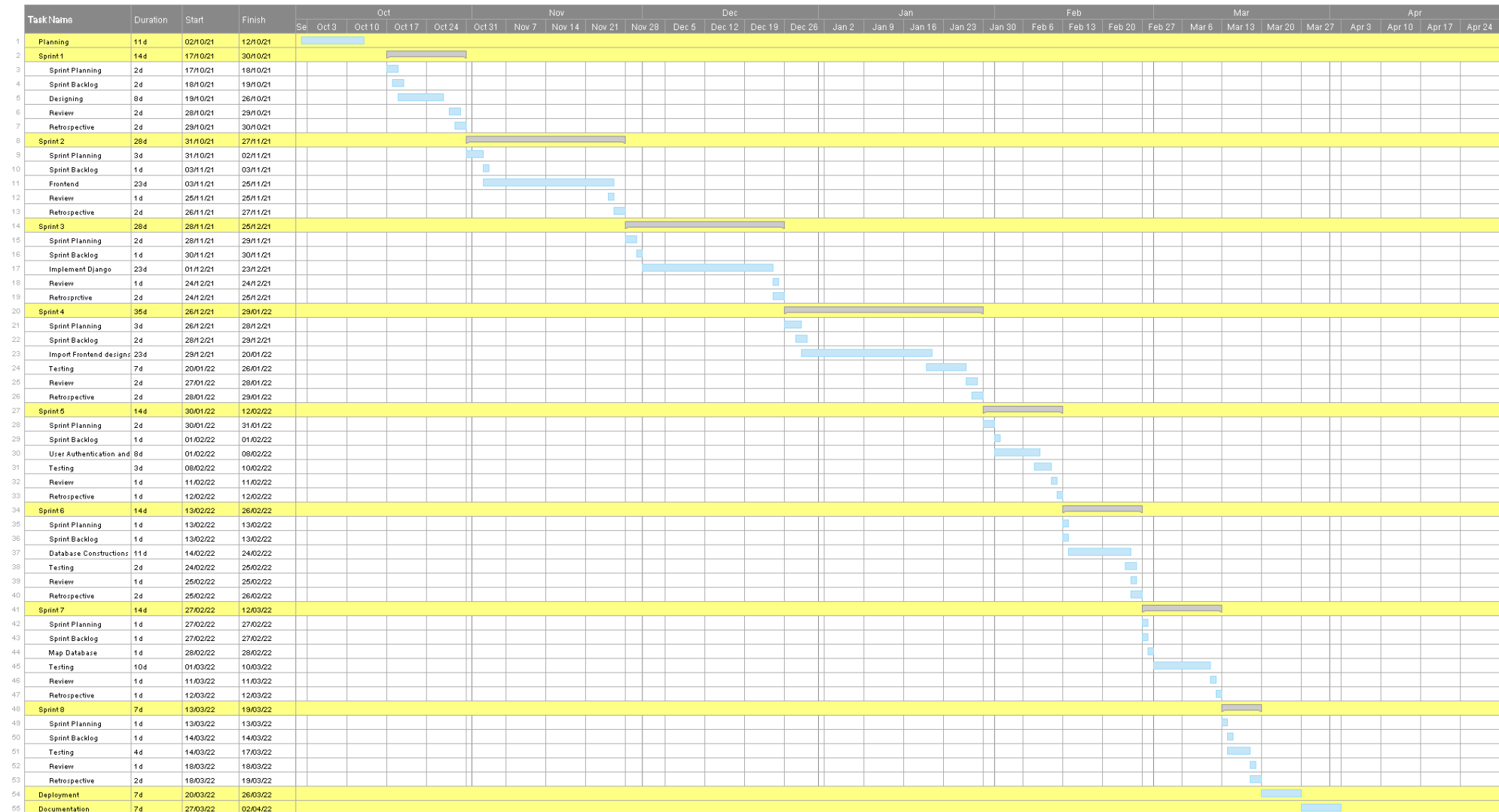
Do you prefer ordering medicines online?  
25 responses



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# Project Gantt chart Vs Current Development



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# Project Artifact (Requirement Gatherings)

## Hardware Requirements

- Computer/PC with proper internet connection

## Software Requirement

- Web Browser

### What Is a Software Requirements Specification (SRS) Document?

A software requirements specification (SRS) is a document that describes what the software will do and how it will be expected to perform. It also describes the functionality the product needs to fulfill all stakeholders (business, users) needs.

An SRS can be simply summarized into four Ds:

- Define your product's purpose.
- Describe what you're building.
- Detail the requirements.
- Deliver it for approval.

We want to DEFINE the purpose of our product, DESCRIBE what we are building, DETAIL the individual requirements, and DELIVER it for approval. A good SRS document will define everything from how software will interact when embedded in hardware to the expectations when connected to other software. An even better SRS documents also account for real-life users and human interaction.

The best SRS documents define how the software will interact when embedded in hardware — or when connected to other software. Good SRS documents also account for real-life users.

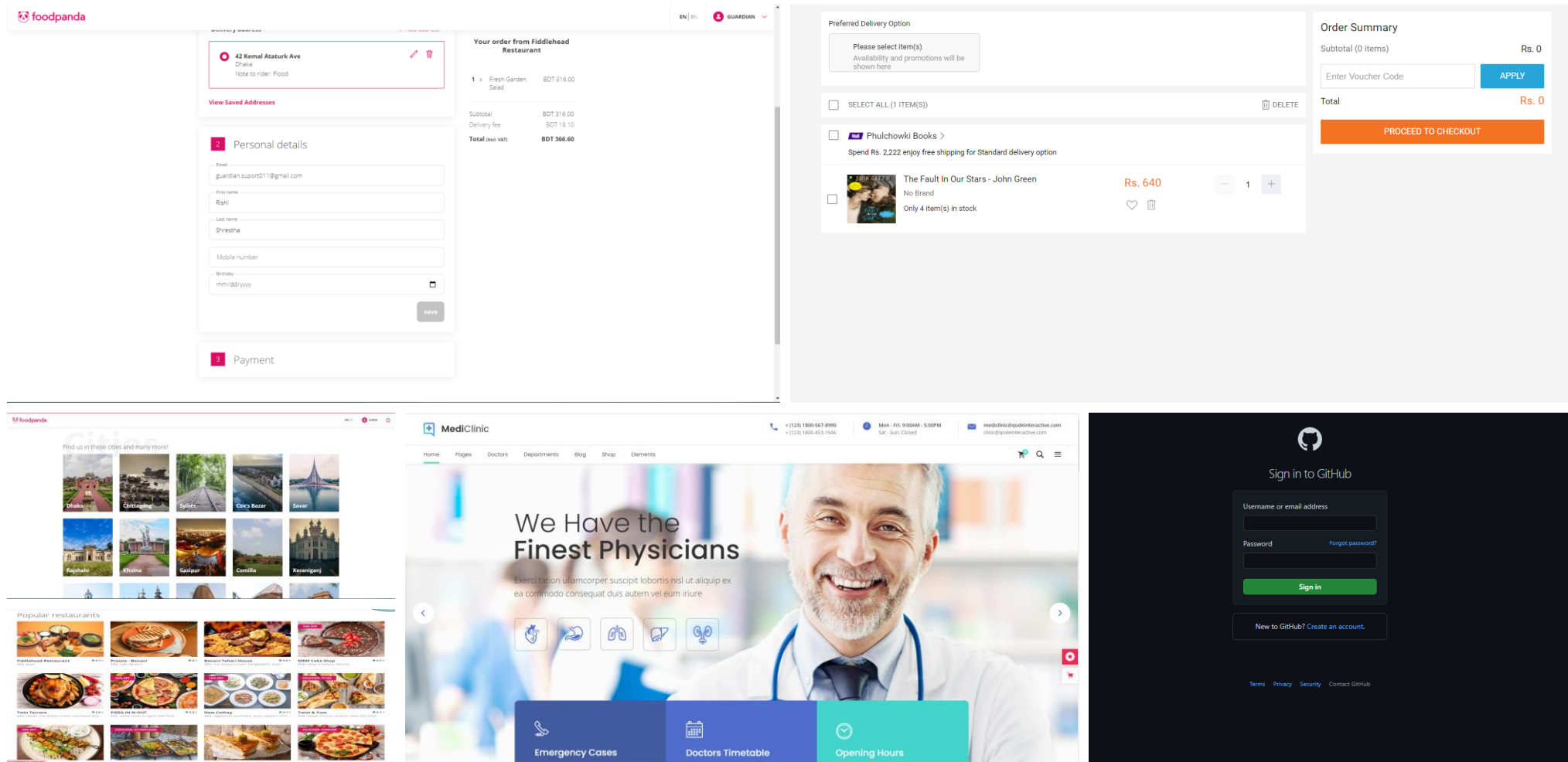
### Why Use an SRS Document?

An SRS gives you a complete picture of your entire project. It provides a single source of truth that every team involved in development will follow. It is your plan of action and keeps all your teams — from development to maintenance — on the same page (no pun intended).

This layout not only keeps your teams in sync but it also ensures that each requirement is hit. It can ultimately help you make vital decisions on your product's lifecycle, such as when to retire an obsolete feature.

The time it takes to write an SRS is given back in the development phase. It allows for better

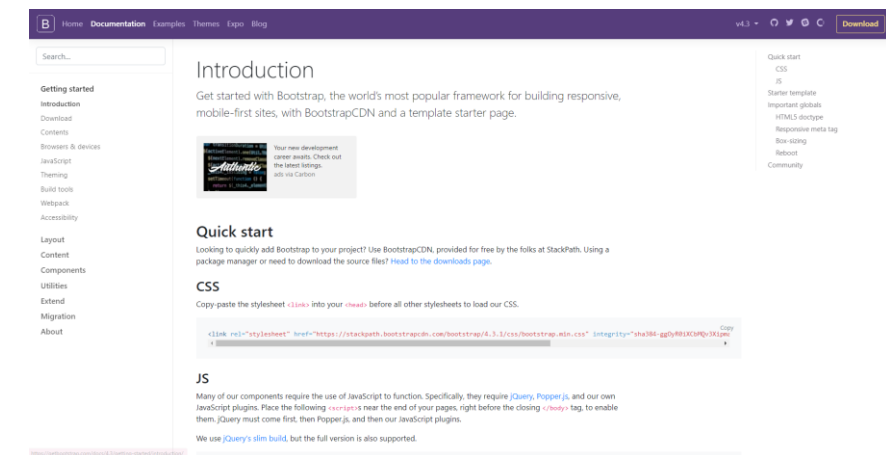
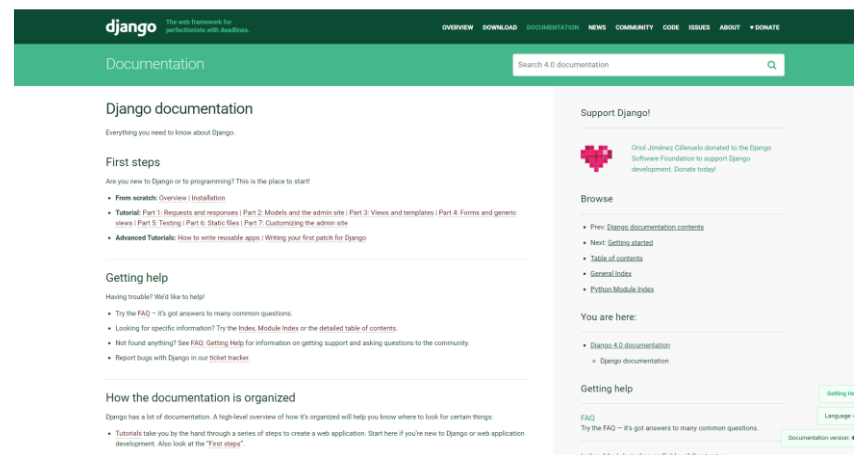
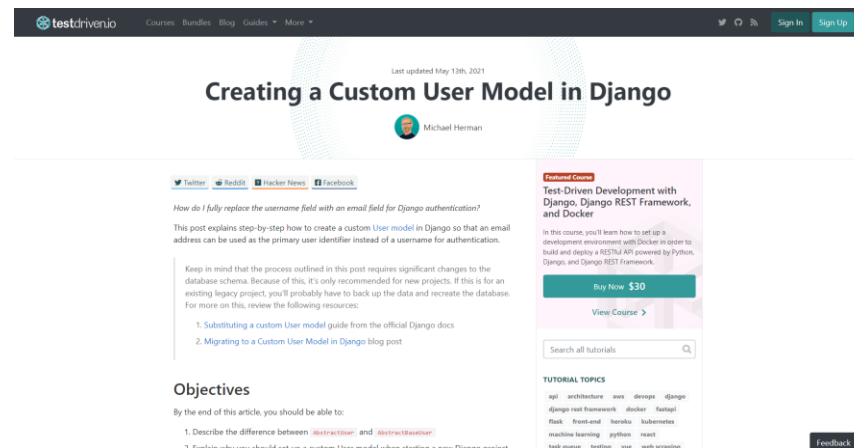
# Project Artifact (Designing)



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# Project Artifact (Development)



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# Logbook Report

FYP Logbook Entry Sheet	
Meeting No: 01	Date: 14 <sup>th</sup> November 2021
Start Time: 2:00 PM.	End Time: 4:00 PM.
<b>Items Discussed:</b> 1. Research on related applications 2. Wireframe	
<b>Achievements:</b> Since it was the first meeting with the supervisor after the approval of my Project, I had done some research on projects that are related to the one that I will be working on. Various research was done to find out the similar projects. Beside research on related projects, I have designed the wireframe based on the project scenario and according to the need of features mentioned for different users.	
<b>Problems:</b> I have been facing difficulties in finding the right application to design the wireframe. I couldn't find the free version of balsamiq and XD. Thus, I need to work on cloud platform of balsamiq with only 30 days of free trial.	
<b>Tasks for Next Meeting:</b> 1. Use case 2. Entity Relationship Diagram 3. UI Design (Front end)	

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Internal Supervisor Signature

FYP Logbook Entry Sheet	
Meeting No: 02	Date: 21 <sup>st</sup> November 2021
Start Time: 2:00 PM.	End Time: 4:00 PM.
<b>Items Discussed:</b> 1. UI Design 2. Use case	
<b>Achievements:</b> With respect to the wireframe designed last week I work on its coding portion where I created a homepage for all users and a counselor page. Similarly, I carried out some research on use case with the help of which I was able to create a use case for my project. I also carried out some research on OCR and tried to find out the dataset for my project.	
<b>Problems:</b> The problem that I faced this week was my website wasn't responsive. Likewise, I couldn't find the accurate dataset to train the AI module to carry our OCR. Similarly, I wasn't able to list out all the entities and attributes for the ERD.	
<b>Tasks for Next Meeting:</b> 1. Overcome the problems. 2. Continuing the designing of web pages. 3. Complete Entity Relationship Diagram 4. Research on related project	

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FYP Logbook Entry Sheet	
Meeting No: 03	Date: 28 <sup>th</sup> November 2021
Start Time: 2:00 PM.	End Time: 4:00 PM.
<b>Items Discussed:</b> 1. UI Design (Continue) 2. ERD	
<b>Achievements:</b> I continued my coding with respect to the wireframe. I created a pharmacy page. Similarly, I carried out some research on use case which helped me to create use case for my project. Similarly, I tried to find out all the possible entities and Attributes. And Created an ERD in UNF.	
<b>Problems:</b> The problem that I faced this week was in normalization of the data for database and creating the Entity Relationship and relating each table.	
<b>Tasks for Next Meeting:</b> 1. Overcoming the problems. 2. Work on Intern Report 3. Research on User Authentication and Authorization.	

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FYP Logbook Entry Sheet	
Meeting No: 05	Date: 12 <sup>th</sup> December 2021
Start Time: 2:00 PM.	End Time: 4:00 PM.
<b>Items Discussed:</b> 1. Software requirements specification 2. Frontend pages, Django static files	
<b>Achievements:</b> I was able to create a responsive website with the help of bootstrap. Similarly, this week I started working on Django and started importing the first pages that I had created earlier weeks. I created a login page, register page and all the pages that were required to test the user authentications.	
<b>Problems:</b> This week I came across a lot of errors related to templates that do not exist and missed locations of static files while working on Django.	
<b>Tasks for Next Meeting:</b> 1. Research and work on Django form. 2. Refining code.	

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FYP Logbook Entry Sheet	
Meeting No: 04	Date: 01 <sup>st</sup> December 2021
Start Time: 2:00 PM.	End Time: 4:00 PM.
<b>Items Discussed:</b> 1. Intern Report 2. Entity Relationship diagram 3. Required webpages	
<b>Achievements:</b> I did some research on database management and took help from our database module teacher to create a final entity relationship diagram for the system. Similarly, after the completion of the entity relationship diagram I continued my research on user authentication and authorization on Django. Likewise, I created a counsellor page, dashboard pages, cart page.	
<b>Problems:</b> The problem that I faced this week was that I was not able to create responsive pages like changing the view of the navigation bar while reducing the windows size.	
<b>Tasks for Next Meeting:</b> 1. UI Design (Continue) – Register pages, login page. 2. Solving the problem 3. Implementing Django	

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FYP Logbook Entry Sheet	
Meeting No: 06	Date: 19 <sup>th</sup> December 2021
Start Time: 2:00 PM.	End Time: 4:00 PM.
<b>Items Discussed:</b> 1. Frontend pages 3. Django form validations	
<b>Achievements:</b> I imported all the html templates completed till the date. Similarly did some research on Django form and implemented it on register pages. I was able to customize the Django form as per the CSS classes that were used on the registration input fields.	
<b>Problems:</b> Firstly, while implementing the Django form the classes were not used on input fields which created different forms. Similarly, the Data that came from the form was not valid data and was rejected by the model.	
<b>Tasks for Next Meeting:</b> 1. Custom user model 2. User authentication and authorization. 3. overcoming the problems.	

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[Link](#)

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# Summary

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# Q & A

# Thank You

# Project Demonstration

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