A
Project Report
On

Form3C++ HOSPITAL FINANCIAL MANAGEMENT
B. TECH-Sem VI

Prepared By: -

Sanghani Jay D. (IT112)
Shah Hitarth M. (IT118)

DEPARTMENT OF INFORMATION TECHNOLOGY
FACULTY OF TECHNOLOGY,
DHARMSINH DESAI UNIVERSITY
COLLAGE ROAD, NADIAD - 387001

April,2021

A
Project Report
On

Form3C++ HOSPITAL FINANCIAL MANAGEMENT

B. TECH-Sem VI

In Partial fulfillment of requirements for
Bachelor of Technology
in
Information Technology

Submitted By:
1. Sanghani Jay
2. Shah Hitarth

Under the guidance of
Prof. Deepak C. Vegda

DEPARTMENT OF INFORMATION TECHNOLOGY
FACULTY OF TECHNOLOGY, DHARMSINH DESAI UNIVERSITY
COLLEGE ROAD, NADIAD-387001

CANDIDATE'S DECLARATION

We declare that pre-final semester report entitled "Form3C++ Hospital Financial Management" is our own work conducted under the supervision of the guide **Prof. Deepak C. Vegda**. We further declare that to the best of our knowledge the report for B. Tech. VI semester does not contain part of the work which has been submitted either in this or any other university without proper citation.

Candidate's Name:- Jay Sanghani
Student ID:- 18ITUOS128

Candidate's Name:- Hitarth Shah
Student ID:- 18ITUOS058

Submitted To: **Prof. Deepak C. Vegda**

Department of Information Technology,
Faculty of Technology,
Dharmsinh Desai University, Nadiad
Gujarat.

DHARMSINH DESAI UNIVERSITY

NADIAD-387001, GUJARAT

CERTIFICATE

This is to certify that the project carried out in the subject of Software Design Projects, entitled "Form3C++ Hospital Financial Management" and recorded in this report is a bonafide report of work of

1) Jay Sanghani	**Roll No: IT112**	**Student ID No: 18ITUOS128**
2) Hitarth Shah	**Roll No: IT118**	**Student ID No: 18ITUOS058**

of Department of Information Technology, semester VI. They were involved in Project work during academic year 2020 -2021.

Prof. Deepak C. Vegda
Department of Information Technology,
Faculty of Technology,
Dharmsinh Desai University, Nadiad
Date: / /

Prof. (Dr.) V. K. Dabhi,
Head , Department of Information Technology,
Faculty of Technology,
Dharmsinh Desai University, Nadiad.
Date: / /

ACKNOWLEDGMENT

This project would not have been possible without the guidance and the help of several individuals who in one way or another contributed and extended their valuable assistance in the preparation and completion of this study.

It gives us an immense pleasure submitting this report towards the partial fulfillment of our academics. Success in any mission cannot be achieved single handedly. It is the team effort that sails the ship to shore.

We would like to express our sincere thanks to our Head of Department **Prof. (Dr.) Vipul K. Dabhi** and our project guide **Prof. Deepak C. Vegda,** who gave us an opportunity to undertake such a great challenging and innovative work, without whose help and encouragement, it would be infeasible for us to carry out the desired work. We are grateful to them for their guidance, encouragement, understanding and insightful support in the development process.

With sincere regards,
Jay Sanghani
Hitarth Shah

Table of Contents

ABSTRACT I

Chapter 1:- Introduction 1
1.1 Project Overview 1
1.2 Purpose 1
1.3 Scope 1
1.4 Objective 1

Chapter 2:- Project Management 3
2.1 Feasibility Study 3
2.1.1 Technical Feasibility 3
2.1.2 Time Schedule Feasibility 3
2.1.3 Operational Feasibility 3
2.2 Project Planning 4
2.2.1 Project Development Approach and Justification 4
2.2.2 Project Development Approach and Justification 4
2.2.3 Project Plan 5
2.2.4 Milestones and Deliverables 5
2.2.5 Roles and Responsibilities 6
2.3 Project Scheduling 6

Chapter3:- System Requirement Study 8
3.1 Study of current system 8
3.2 Problems and Weaknesses of current system 8
3.3 User Characteristics 8
2.3 Project Scheduling 8

Chapter 4:- System Analysis 9
4.1 System Requirements (SRS Document) 9
4.2 Non-Functional Requirements 15

Chapter 5:- System Design 16
5.1 ER Diagram 16
5.2 Use case Diagram: 17
5.3 Class Diagram: 19
5.4 Activity Diagram: .....

Chapter 6: Implementation Planning 17
6.1 Implementation Environment 17
6.1.1 Sublime Text Editor 18

6.1.2 Python 3 Installation 18
6.1.3 Django Installation 18

Chapter 7:- Software Testing 20
7.1 Introduction 20
7.2 Unit Testing 20
7.3 Integration testing 20
7.4 Validation testing 20
7.5 GUI Testing 20
7.6 Test Cases 21

Chapter 8:- User Manual 23

Chapter 9: Limitations and Future Enhancement 35

Chapter 10: Conclusion 36

ABSTRACT

We can implement website for proper data storage of Form3C and other hospital financial management for Medical Practitioners such as Physicians, Surgeons, Dentists, Pathologists, Radiologists, Vaids, Hakims, etc. It will also include data collected form all the Practitioners using the application and that data will be shown to research fellows who use the website and that data of whichever The proposed solution is to develop a working prototype of a system that will facilitate control for any Hospital by storing and processing tha data inserted by medical practitioners.

Chapter 1:- Introduction

• Project Overview:

• Our project name is 'Form3c++', it helps the doctors generate receipts , manage there Income and expense and track patients history .
On the basis of receipts generated by the doctor one can have the following things:
1] View the receipt
2]Keep a track of daily entry
3]Print the receipt
4]Download the receipt
5]Update the receipt

• On the basis of income/expense generated by the doctor one can have following things:
1]View Income/expense
2] Keep a track of daily entry
3]View Income/expense with specific filters

• Once a patient has been registered doctor will be able to see his history just by his name or by his phone number.

• Purpose

• In this times of covid19 and even before this doctors have been experiencing a hectic life. After checking the patients the whole day long it becomes tedious to maintain the record for the same . Doctors need to submit the data to income tax department in the way of form3c.

• So we come up with the idea to make doctors work easy and hassle free.

• Scope

• Our project has a big scope to do .We can store information of all the Medical Practitioner, their patients, receipts, income/expense as well.

• Various Research Fellows can also access the data for any case/data study if required.

• Objective

The main objective of Form3c++ project is to make a responsible website, manage details of Patient, Receipts, income, expense and reduce the management as much as possible.

Medical practitioner need to maintain record which on small scale is done physical
Which will now be done digitally using the website.It saves time and reduces workload.

Chapter 2:- Project Management

- ## Feasibility Study

- **Technical Feasibility**

A technical feasibility study evaluates the details of how you intend to build a system or solution. The technical feasibility means the study or evaluation of current equipment, existing software technology and the current knowledge that we are going to use to provide the solution or system. Technical analysis evaluates technical merits of the system at the same time collects additional information about performances, reliability, maintainability and productivity.

- **Time Schedule Feasibility**

The project has simple working and the basic requirement can be satisfied within allotted time period so the time development feasibility is satisfied.

- **Operational Feasibility**

Operational feasibility deals with the acceptance of the user and their willingness to use the system.

There are three kinds of user to use the system

1) Medical Practitioner 2) Research Fellow 3)Admin

- **Project Planning**

- **Project Development Approach and Justification**

3 For project development the Agile model is used. Agile model is the combination of iterative and incremental process models. Steps involve in agile SDLC models are:

- Requirement gathering
- Requirement Analysis
- Design
- Coding
- Unit testing
- Acceptance testing

Advantages of Agile Model

- **Feedback Path:** In the agile model, there are feedback paths, so there is mechanism for error correction. But in iterative waterfall model feedback path from one phase to its preceding phase allows correcting the errors that are committed and these changes are reflected in the later phases.

- **Simple:** Iterative waterfall model is very simple to understand and use. That's why it is one of the most widely used software development models.

Drawbacks of Agile Model

- **Incremental delivery not supported:** In the iterative waterfall model, the full software is completely developed and tested before delivery to the customer. There is no scope for any intermediate delivery. So, customers have to wait long for getting the software.

- **Overlapping of phases not supported:** Iterative waterfall model assumes that one phase can start after completion of the previous phase, But in real projects, phases may overlap to reduce the effort and time needed to complete the project.

- **Risk handling not supported:** Projects may suffer from various types of risks. But Iterative waterfall model has no mechanism for risk handling.

2.2.2 Project Plan

- In managing any project the whole plan of the project is made before its actual implementation. The plan of the project helps team to work as per the schedule and helps to successfully complete the project. To plan a project the main requirements that are calculated are cost, duration, effort, scheduling, manpower, resource allocation, risk management etc. The plan of our project is as follows:

1. Gather the definition.
2. Check whether the definition is feasible or not in given deadline.
3. Requirement gathering.
4. Analysis on gathered requirements.
5. Designing.
6. Coding and Unit Testing.
7. Integration and System Testing.
8. Deployment

2.2.3 Milestones and Deliverables

Milestones:

I. Milestone is an end-point of the software process activity.

II. At each milestone there should be formal output, such as report, that can be represented to the management. The weekly report is submitted to project guide, which include day to day work report.

III. Milestone represents the end of the distinct, logical stage in the project.

Deliverables:

I. Deliverables is a project report that is delivered to the administrator of the project.

2.2.4 Roles and Responsibilities

Name	Analysis	Designing	Frontend	Backend	Testing	Documentation
Jay Sanghani IT-112	Yes	Yes	Yes	Yes	Yes	Yes
Hitarth Shah IT-118	Yes	Yes	Yes	Yes	Yes	Yes

- **Project Scheduling**

Scheduling the project tasks is an important project planning activity. It involves deciding

which task should be taken up and when. In order to schedule the project activities; a software project manager needs to do the following:

1. Identify all the tasks needed to complete the project.
2. Break down large tasks into smaller activities.
3. Determine dependencies among different activities
4. Establish most likely estimates for the time duration necessary to complete the activities.

ID	TASK	START DATE	END DATE	DURATION
1	Analysis	21/12/2021	31/12/2021	11 Days
2	Design	08/01/2021	29/01/2021	21 Days
3	Coding	08/02/2021	05/03/2021	26 Days
4	Testing	08/03/2021	15/03/2021	07 Days
5	Maintenance	15/03/2021	22/03/2021	14 Days

Chapter3:- System Requirement Study

3.1 Study of current system

The current data storage system is the traditional way of making receipts and storing data pen-paper based.

3.2 Problems and Weaknesses of current system

The current system is very time consuming as it needs to be done manually by the practitioner. As we know there are lots of problems with the manual attendance system, some of the problems are given below:

- Disturbance to Medical Practitioners.
- Possibility to misplace the sheet.
- Difficulty to collect data from a large amount of patients.
- Time spend by practitioner for collecting and updating data.

3.3 User Characteristics

There are two types of users dealing with this attendance system:

1. Medical Practitioners (Users)
2. Research Fellow
3. Admin

Medical Practitioners can generate and view the records, while Admins have rights to add/remove users and change database as per convinence.

3.4 Hardware and Software Requirements

Computer

- RAM 4 GB , Storage 512 SSD
- Processor i5 8th generation

Software

- Django Framework
- SQL Lite Database (Inbuilt)
- Python Libraries

Chapter 4:- System Analysis

4.1 System Requirements (SRS Document)

1.1 User Registration:

Description : Given that user has already opened the website, user should be able to register on “Form3C+” by filling up the necessary registration details.

1.1.1 Registration Form

Description: User will be able to fill up the registration details.

Input: Email Address, First Name, Last name, Medical Profession, Medical ID, Username, password, confirm password, Hospital Name, Address.

Output: Given that the information filled up the user is validated, **Processing:**

Validate the information given by the user in register form. **Next Function:** Open

home page for the user.

1.2 User Authentication:

Description: Given that the user has successfully registered on “Form3C+”, User can login to the application by providing username and password. User can also change the password by validating himself/herself and email verification.

1.2.1 User Login

State: User has registered earlier.

Input: Username, password

Output: Given that the user has entered correct details, user’s profile dashboard is been displayed.

Processing: verifying the details entered by the user.

Next Function: Open home page for the user.

1.2.2 Change password

Description: If user has forgot the password then user can change it by validating himself/herself and email verification.

1.2.3 Validate the user

Description: User can validate him/herself by providing Medical ID.

State: User has clicked on “forget password” for valid username.

Input: Medical ID entered at the registration time.

Output: Given that the user has provided valid Medical ID, he will be forwarded to New Password entry.

Next Function: Provide New Password Entry

1.2.4 Enter new password

State: User has successfully passed the email verification.

Input: New password

Output: Success message is shown to the user on the login form.

Next Function: User will be sent to login page.

1.3 User logout:

Description: Given that user has selected the logout option, User will be able to logout.

State: User is currently logged-in.

Input: User Selection.

Output: Registration/Login page will be displayed.

1.4 Profile Management:

Description: User's personal detail that user entered at the time of registration displayed here and some other detail which needed to be entered will also be here. User can also update their profile too. Some details such as Medical ID and name cannot be changed though.

1.5 Receipt Generation:

Description: Given that the user is already logged in to the system, user will be able to generate receipts for his patients and for personal record as well.

1.5.1 Add Receipt

Description: Given that user had selected add button, user will be able to generate new receipt.

Input: Date, Serial No., Receipt No., Receipt Type, Patient Name, Mobile No., Treatment, Amount, Admitted or not., Days of Admission.

Output: Given that user has selected the add receipt button, success message is shown to the user.

Processing: Check the serial and receipt no. are unique.

1.5.2 View Receipt

Description: User will be able to view already added document. Given that userhas selected the option to view the document, user will provide the secure access, so that user will be able to view the document.

Input: User selection of the receipt as per date.

Output: Receipt(s) is/are shown.

1.5.3 Print Receipt

Description: The user will be able to print the already added receipt to valid user of the "**Form3C+"**. The user will provide the secure access, so that user can print the document.

Input: User selection.

Output: A success message is shown to the user. And ".pdf " extension file is generated and downloaded.

1.6 Income Managment:

1.6.1 Add Income

Description: This section will able to add new income generated for the hospital and with all necessary details.

Input: Income type, date, amount and notes (if any) Output: The

Income will be found added in Income section.

1.6.2 View Income

Description: This section will able to view the income generated for the hospital as per his/her

convenience and with all necessary details.

Input: Enter the date/month of the income or type of incomes.

Output: Income Section as per user's input will be displayed along with hospital

and financial year.

1.6.3 Print Income

Description: The user will be able to print the income generated to valid user of the "**Form3C+"**. The user will provide the secure access, so that user can print the document.

Input: User selection.

Output: A success message is shown to the user. And ".pdf " extension file is generated and downloaded.

1.7 Expense Managment:

1.7.1 Add Expense

Description: This section will able to add new expense generated for the hospital and with all necessary details.

Input: Expense type, date, amount and notes (if any)

Output: The Expense will be found added in Expense section.

1.7.2 View Expense

Description: This section will able to view the expense generated for the hospital as per his/her convenience and with all necessary details.

Input: Enter the date/month of the income or type of Expenses.

Output: Expense Section as per user's input will be displayed along with hospital and financial year.

1.7.3 Print Expense

Description: The user will be able to print the Expense generated to valid user of the "**Form3C+"**. The user will provide the secure access, so that user can print the document.

Input: User selection.

Output: A success message is shown to the user. And ".pdf " extension file is generated and downloaded.

1.8 Treatment:

1.8.1 Add Treatment

Description: This part of the application will able to add/remove treatments and sub- treatments available in the respective hospital.

Input: Enter the name/type of treatment and remarks (if any). Output: A success message and treatment added will be shown.

1.8.2 View Treatment

Description: This part of the application will able to view treatments and sub-treatments available in the respective hospital.

Input: Enter the name/type of treatment. Output: All available Treatments will be shown.

1.9 Hospital Details:

Description: This function is for users to view all hospital details like information of Doctor practicing and Treatment and Sub Treatment Details available at respective hospital.

1.10 Patient's Medical History:

Description: This part of the application will able to display patients or their medical history as per convenience.

Input: Enter the mobile number to see any user's particular history.

Output: Details with remarks will be shown.

1.11 Medical Research Details:

Description: This function is for Medical Association's research purpose in order to study cases for any particular illness or disease. This option will allow to search any disease from Treatment type and will be able to see all the patient's who were treated for the same. Al the remarks from the doctors will also be available along with it.

Input: Enter the treatment type(disease) who's patients one wants to

study.

Output: Details with remarks will be shown.

1.12 Feedbacks:

Description: There will a feedback section where any registered user can give their feedback regarding any irregularities found or any suggestions if any.

Input: User enters suggestion/feedback in feedback form. Output: Form

Submitted Successful Message will be displayed.

4.2 Non-Functional Requirements

4.2.1 Performance Requirement

- ➔ User should be able to login within five seconds.
- ➔ User should be able to download the documents and perform any CURD operation within few seconds.
- ➔ All pages should load within 2 seconds
- ➔ The system shall be allowedto take more time when doing large processing jobs.
- ➔ Responses to view information shall take no longer time to appear on the screen.

4.2.2 Safety Requirement

- ➔ System use shall not cause any harm to any users.
- ➔ Data should be made confidential.
- ➔ Sharing should be done in a secure manner.

4.2.3 Security Requirement

➔There should be well-defined password policy covering password change frequency, invalid attempts allowed, etc.

- The system has to be 100% reliable due to the importance of data and the damages that can be caused by incorrect or incomplete data.
- Account username and password should be stored using the good hashing algorithms.
- All the input fields should be validated for the SQL injection.
- Download of documents should be done on the reliable network for the confidentiality.

Chapter 5:- System Design

5.1 ER Diagram

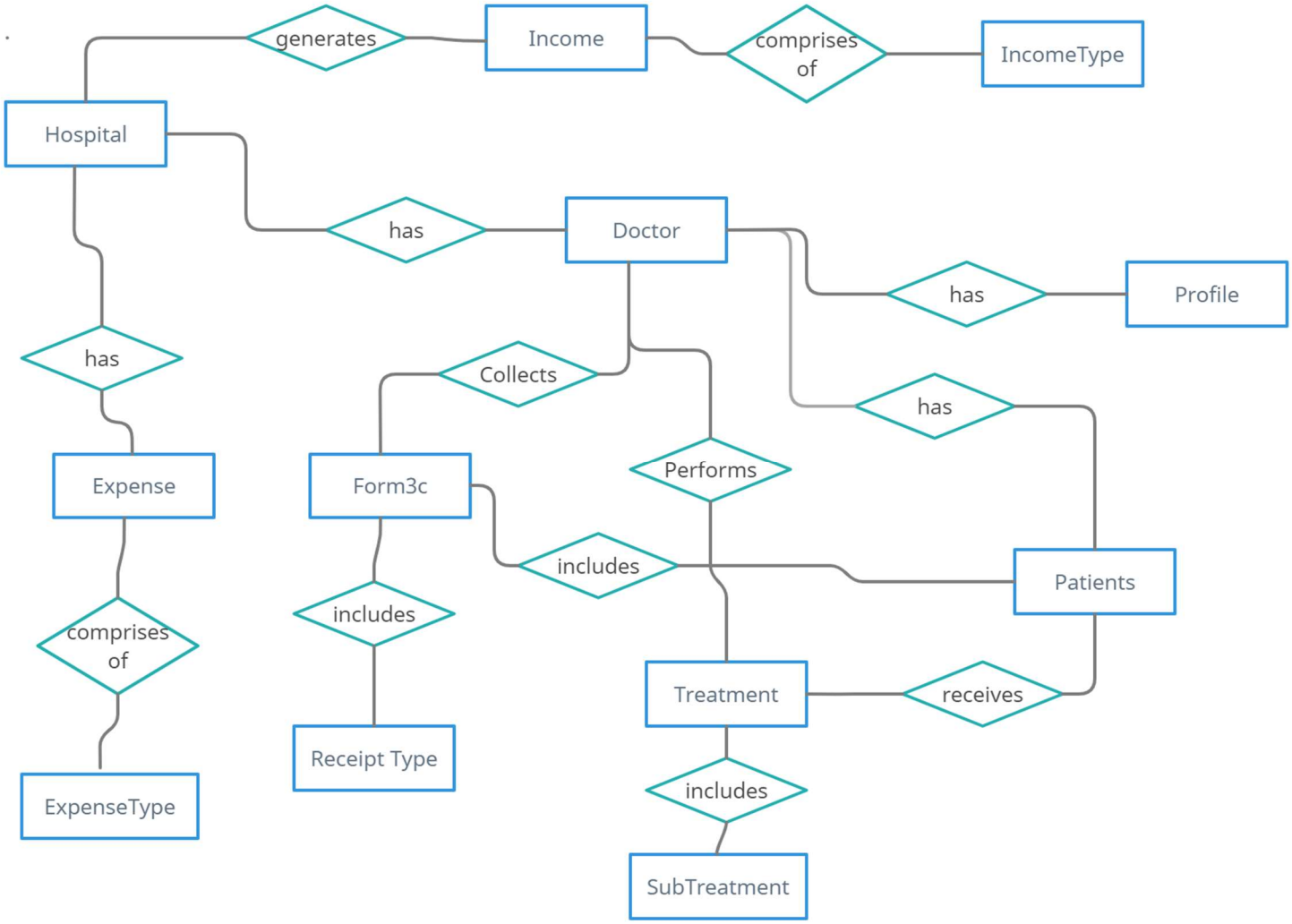
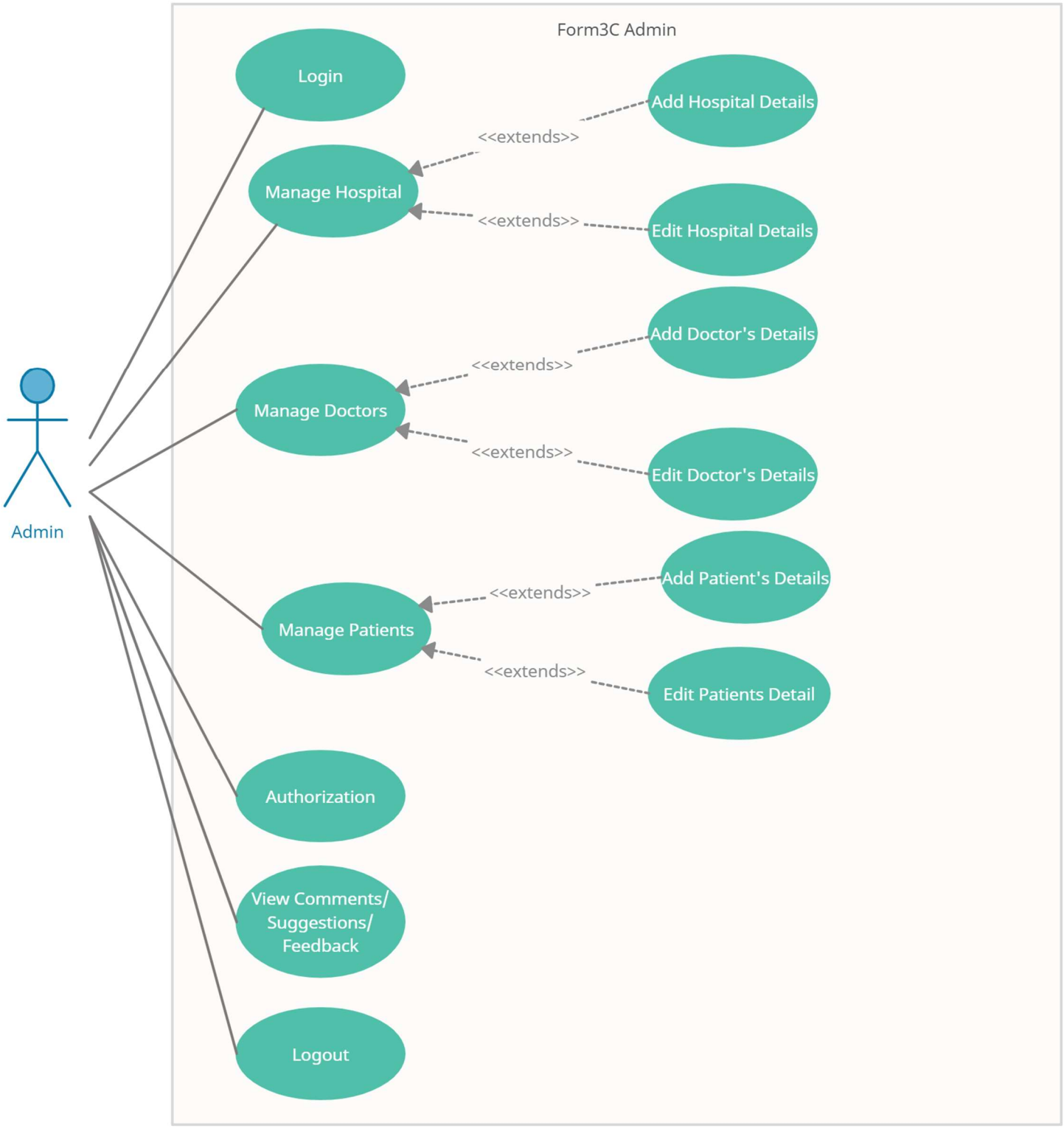


Fig 5.1 ER Diagram

5.2 Use case Diagram:-



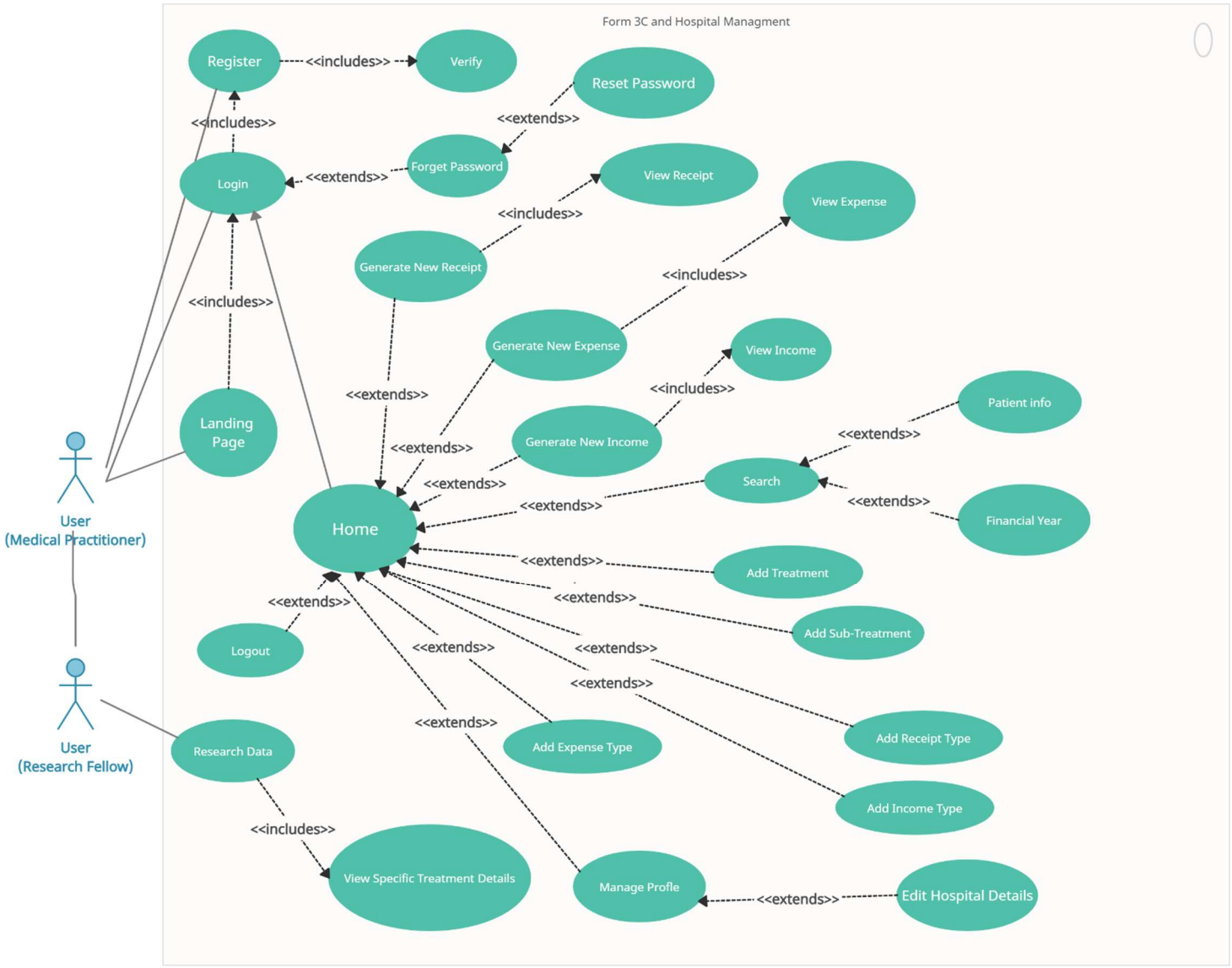


Fig 5.3 Use case Diagram

5.3 Class Diagram:-

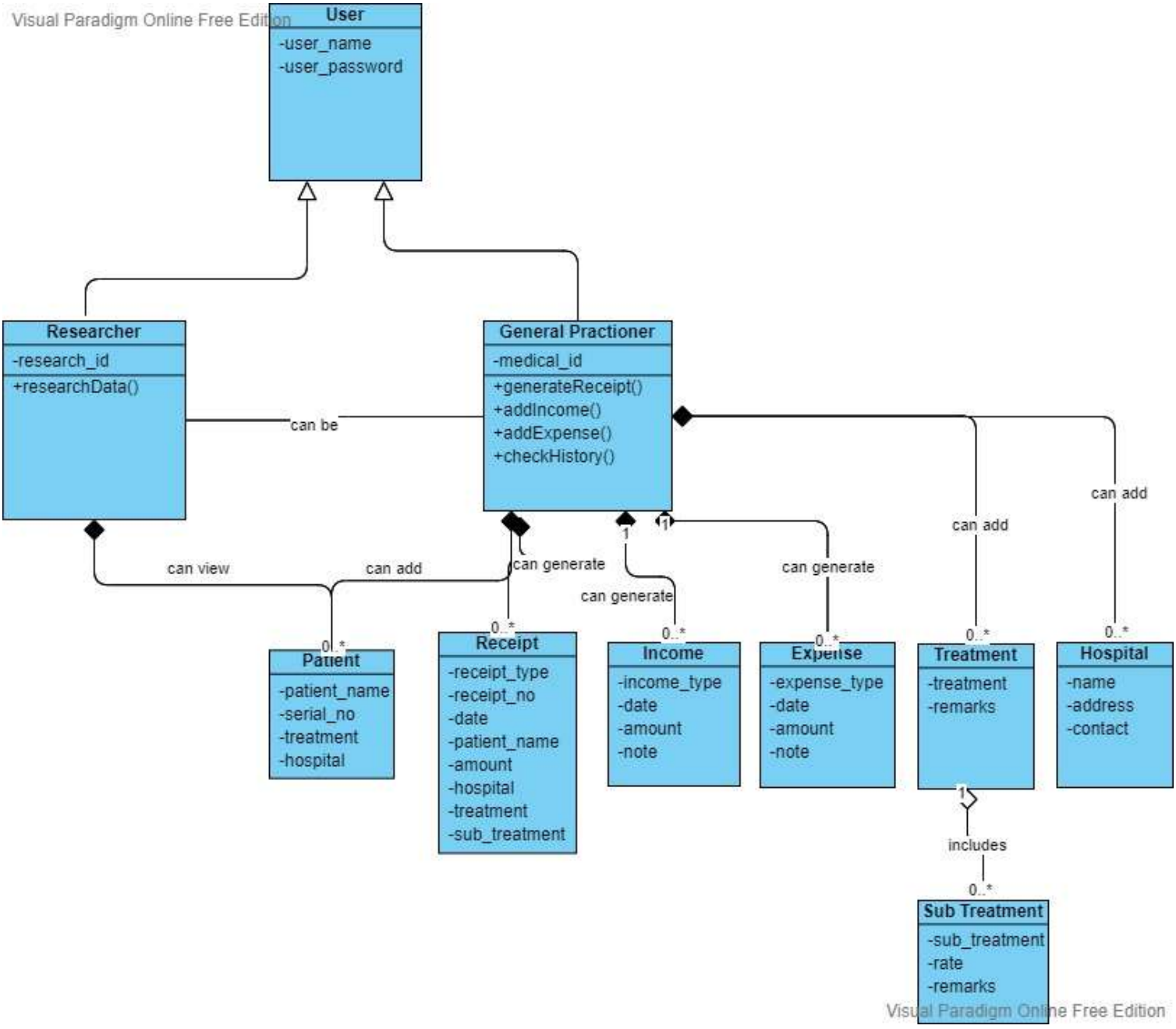
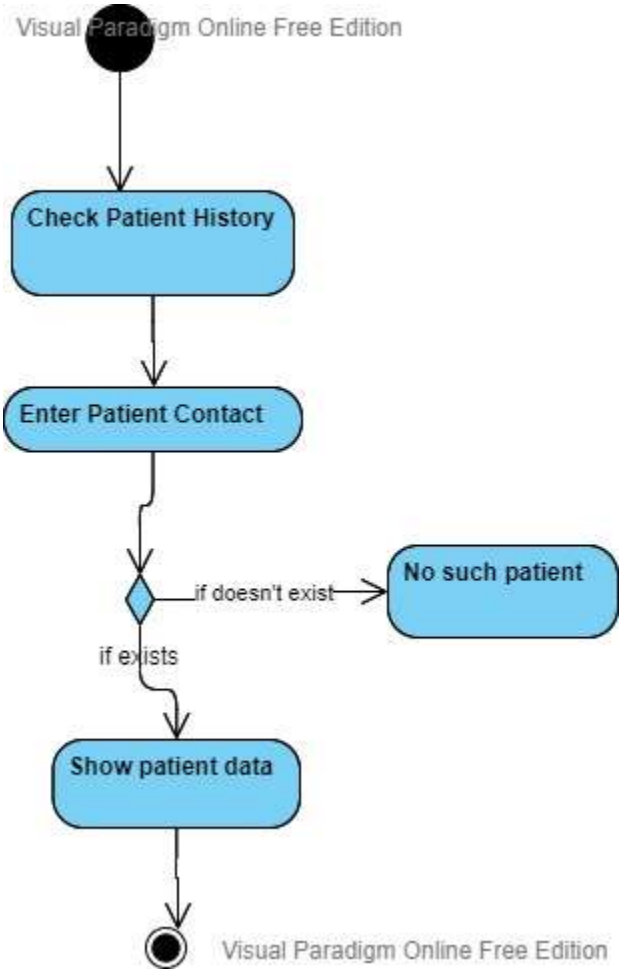
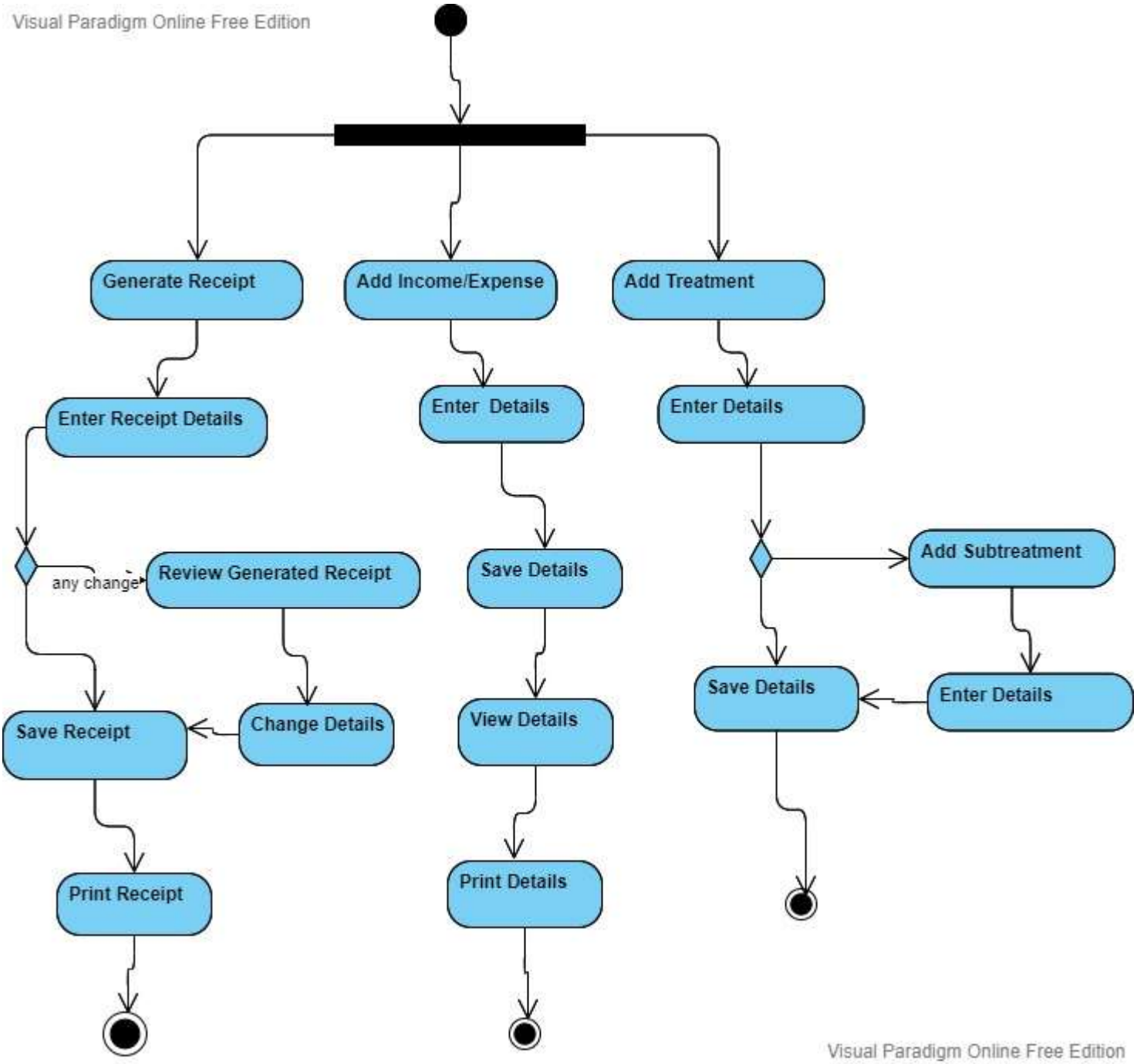


Fig 5.4 Class Diagram

5.4 Activity Diagram:-




Visual Paradigm Online Free Edition
Generate Receipt
Add Income/Expense
Add Treatment
Enter Receipt Details
Enter Details
Enter Details
any change
Review Generated Receipt
Save Details
Add Subtreatment
Save Receipt
Change Details
View Details
Save Details
Enter Details
Print Receipt
Print Details
Visual Paradigm Online Free Edition

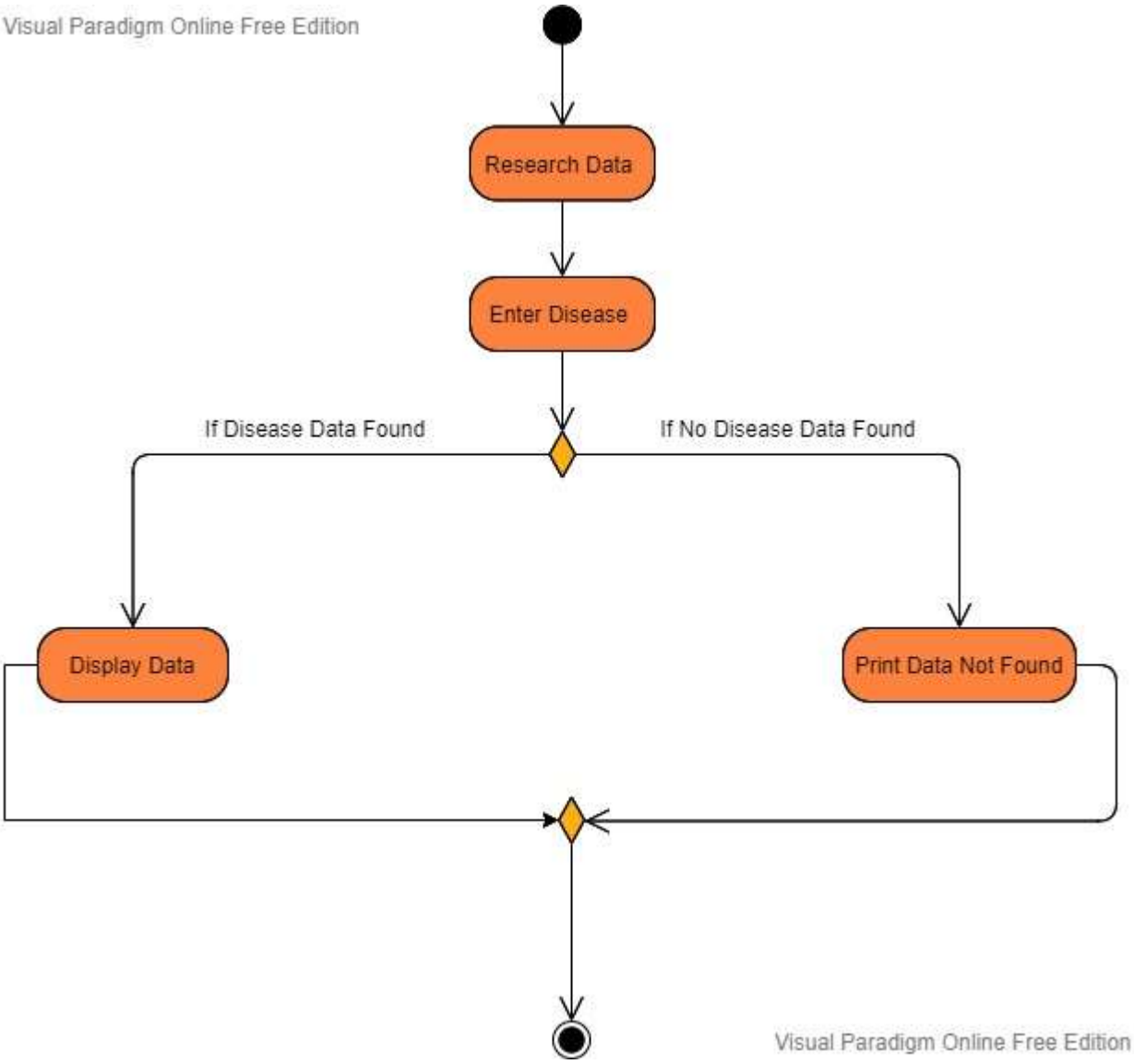


Fig 5.7 Sequence Diagram

Chapter 6: Implementation Planning

6.1 Implementation Environment:

6.1.1 Sublime Text 3 Installation

Step 1: Download the Sublime Text 3 Installer.
Download required package or executable from the official website of Sublime
https://www.sublimetext.com/download
Step 2: Store at Destination Folder

Download the community package (executable file) onto your system and mention a destination folder.

Step 3: Installation Procedure similar any other software

Now, begin the installation procedure similar to any other software package.

Step 2: Finish Installation

Once the installation is successful, Sublime Text 3 asks you to import settings of the existing package if any.

6.1.2 Python 3 Installation

Step 1: Download the Python 3 Installer.

1) Open a browser window and navigate to the download page for windows at python.org.

2) Underneath the heading at the top that says Python Releases for Windows, click on the link for the Latest Python 3 Release - Python 3.x.x.

3) Scroll to the bottom and select either Windows x86-64 executable installer for 64bit or Windows x86 executable installer for 32-bit.

4) If your system has a 32-bit processor, then you should choose the 32-bit installer. On a 64-bit system, either installer will actually work for most purposes. The 32bit version will generally use less memory, but the 64-bit version performs better for applications with intensive computation.

Step 2: Run the Installer

6.1.3 Django Installation

- **Install** Python.
- **Install Django** on Windows.

  Step 1 - Open Powershell.

Step 2 - Verify Python **Installation**.
Step 3 - Upgrade Pip.
Step 4 - Create a Project Directory.
Step 5 - Create Virtual Environment.
Step 6 - Activate Virtual Environment.
Step 7 - **Install Django**.
Step 8 - Start a New Project.
Step 9 - Run the Server

6.2 Program/Modules Specification

The following modules will be implemented:

- Receipts
- Patients
- Income
- Expense
- Receipts Type
- Income Type
- Expense Type

1. **Receipts**
Description: Enables the user to generate, update, view and print receipts.
2. **Patients**
Description: Enables the user to generate and update Patients.
3. **Income**
Description: Enables the user to generate and view income.
4. **Expense**
Description: Enables the user to generate and view expense.
5. **Receipts Type**
Description: Enables the user to generate and view receipts type.
6. **Income Type**
Description: Enables the user to generate and view income type.
7. **Income Type**
Description: Enables the user to generate and view expense type.

6.3 Coding Standards

- We've followed standard Visual Studio indentation and coding standards for dart coding in python web development.

Chapter 7:- Software Testing

7.1 Introduction

Software testing is the process of testing the functionality and correctness of software. Software testing is defined as an activity to check whether the actual results match the expected results and to ensure that the software system is defect free.

7.2 Testing Strategy

When our application was configured and customized in the system, the test was observed that this configuration or customization does not cause any improper processing or violation. The following care was taken when the application was developed at the local machine. The interface may have something not proper, which can be tested by this checklist:

1. Number of input parameter equal to number of argument?
2. Parameter and argument attributes match?
3. Number of arguments transmitted to called forms equal to number of parameters?
4. Attributes of arguments transmitted to called forms to attributes of parameters?
5. Number of attributes and order of arguments to built-in functions correct?
6. The local data structures for a form are common source of errors. The following types of errors should be searched for,
7. Improper or inconsistent typing
8. Erroneous initialization or default values
9. Incorrect (misspelled or truncated) variables names
10. Inconsistent data types
11. Underflow, overflow and addressing exception
12. As far as unit testing is concerned we did it at the time of coding in an informal but extensive way, so as to reduce number of problems arising out of incorrect syntax, incorrect variable, function names etc.
13. Close the database connection when not required

7.3 Testing Methods

White Box Testing

Also known as glass box, structural, clear box and open box testing. A software testing technique where by explicit knowledge of the internal workings of the item being tested are used to select the test data. Unlike black box testing, white box testing uses specific knowledge of programming code to examine outputs. The test is accurate only if the tester knows what the program is supposed to do, it means that he must be completely aware that for particular input a particular output must be obtained. The main benefit of this type of testing is Tester can see if the program diverges from its intended goal. This test concentrates on the examination of the code rather than the specification. We have included three different forms of white box testing.

Statement Coverage Criterion:

This is the simplest coverage criterion. We are checking in it that each statement of the program was executed “at least once”.

Branch Coverage Criterion:

An improvement over statement is **Branch Coverage**. In that we are running a series Of test to ensure that all branches are tested at least once.

Path Coverage Criterion:

There are many errors which were not detected by statement or branch testing. The reason is that some errors are related to some combination of branches and it may not check in other test. We are checking in this test if all path of programs are executed or not.

7.4 Test Cases

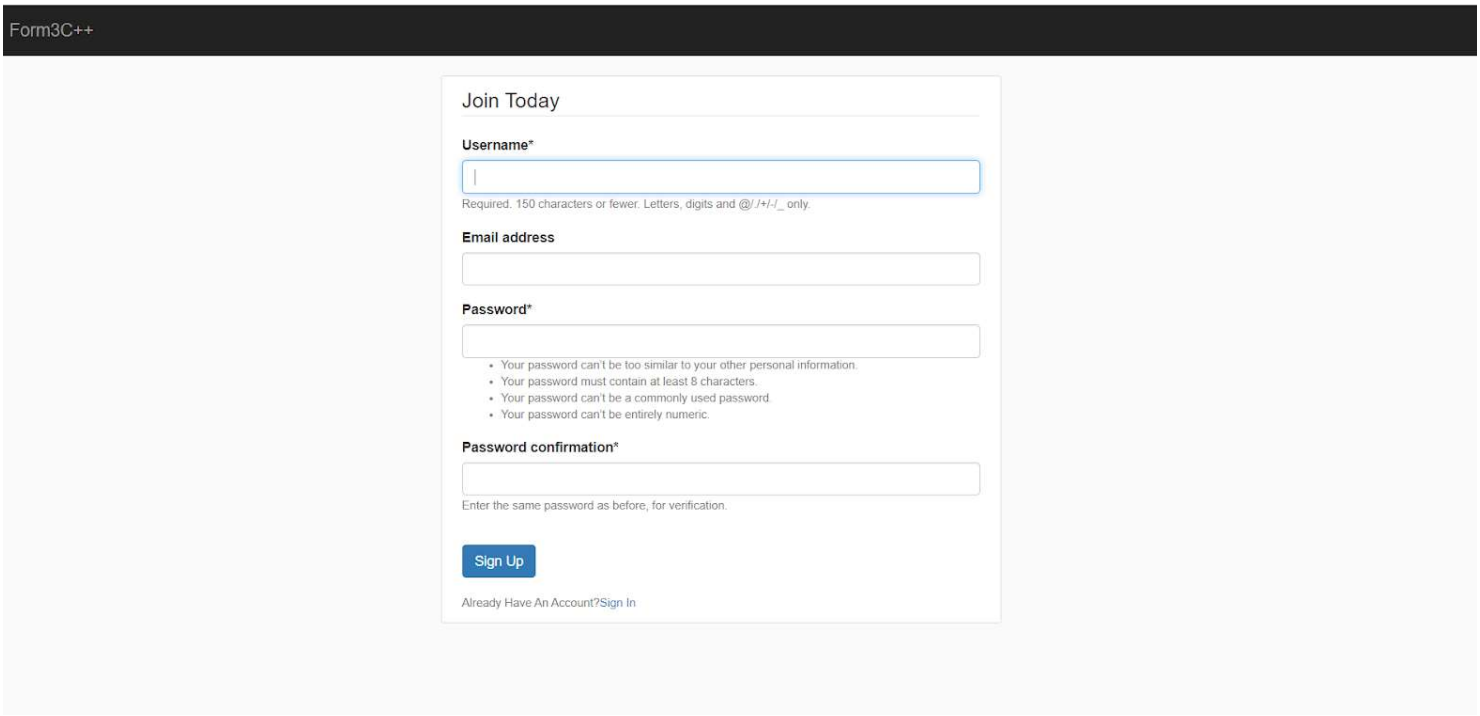
- Table 7.4 Test Cases

8

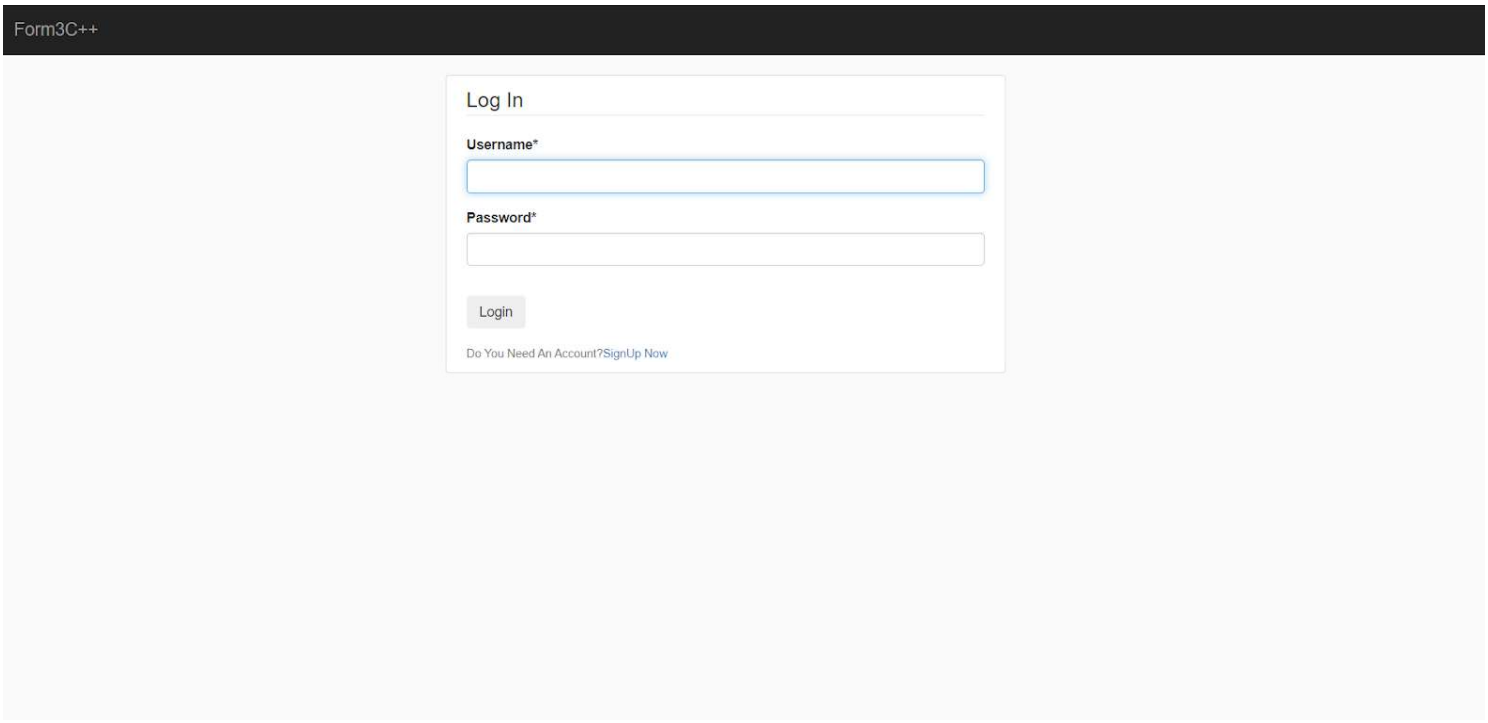
	Purpose	Input	State	Expected Output	Actual Output	Test Result
1	User Login	Registered Email, Correct Password, Submit	Logout	Success	Success	Pass
2	User Login	Unregistered Email, Password	Logout	Ask user to Register First	Ask user to Register First	Pass
3	User Register	Nickname, Email, Password	New User	Success	Success	Pass
4	User Register	Empty Name, Email, Type, Submit	New User	Failure	Failure	Pass
5	Add Patient	Patient name,phone,age	Logged In	Success	Success	Pass
6	Add Receipt	ReceiptType treatment, subtreatment patient, amount,	Logged In	Success	Success	Pass

		remarks				
7	Add Income	IncomeType, Amount, remarks	Logged In	Success	Success	Pass
8	Add Expense	ExpenseType, amount,remarks	Logged In	Success	Success	Pass
9	Check History	Enter patient name or phone	Logged in	Success	Success	Pass
10	Update Receipt	Click update button	Logged in	Prefilled receipt	Prefilled receipt	Pass
11	Download receipt	Click download button	Logged in	Generated pdf	Generated pdf	Pass
12	Add Hospital	Hospital name,address lines	Logged in	Success	Success	Pass
13	Search Income/ Expense	From date, To date	Logged In	Display Income/Expense	Display Income/Expense	Pass
14	Add Treatment/Subtreament	Name, remarks	Logged In	Success	Success	Pass
15	Add ReceiptType/ IncomeType/ ExpenseType	Name, remarks	Logged In	Success	Success	Pass
16	Edit Profile	Edit details – Contact/ Profile Picture, Submit	Logged in	Profile Updated	Profile Updated	Pass

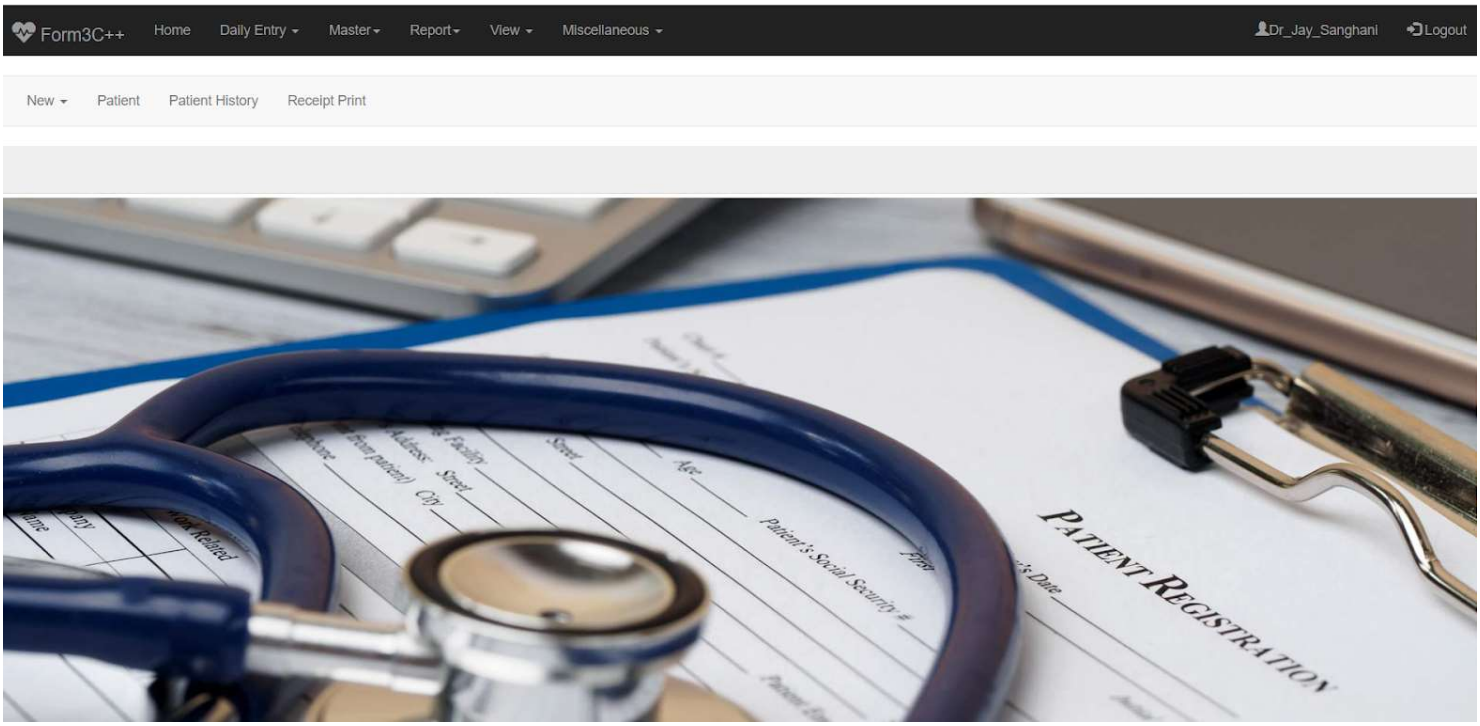
Chapter 8:- User Manual



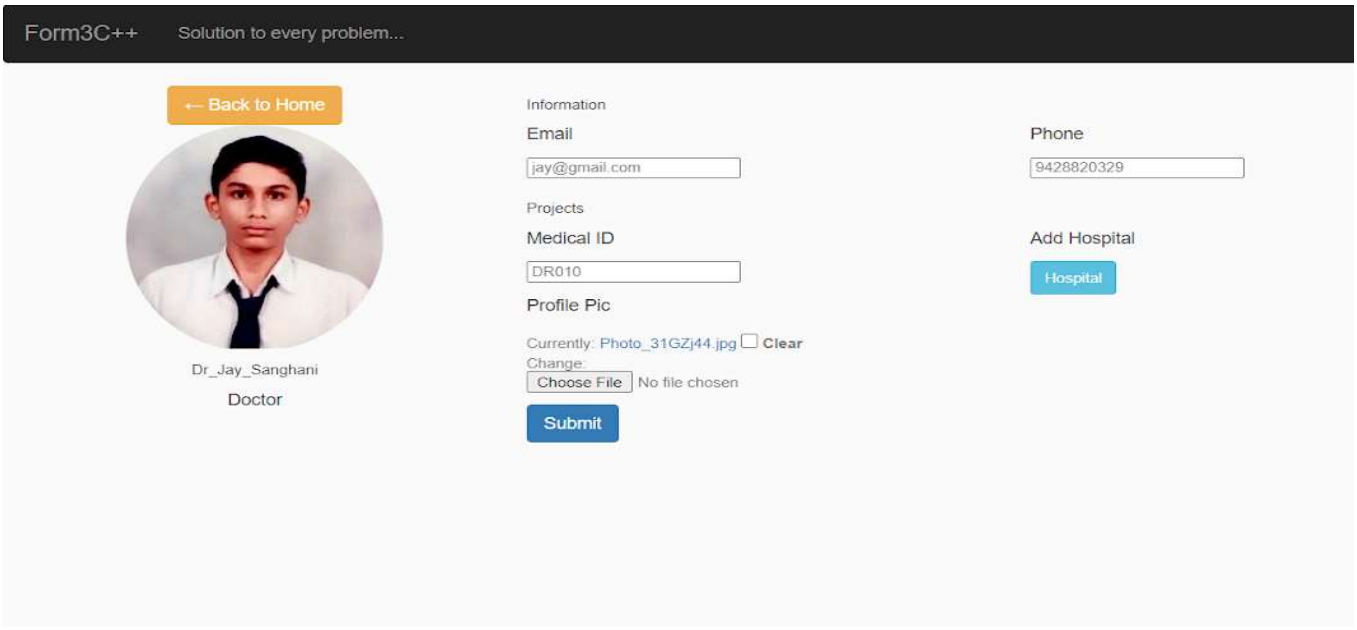
SignUp Page



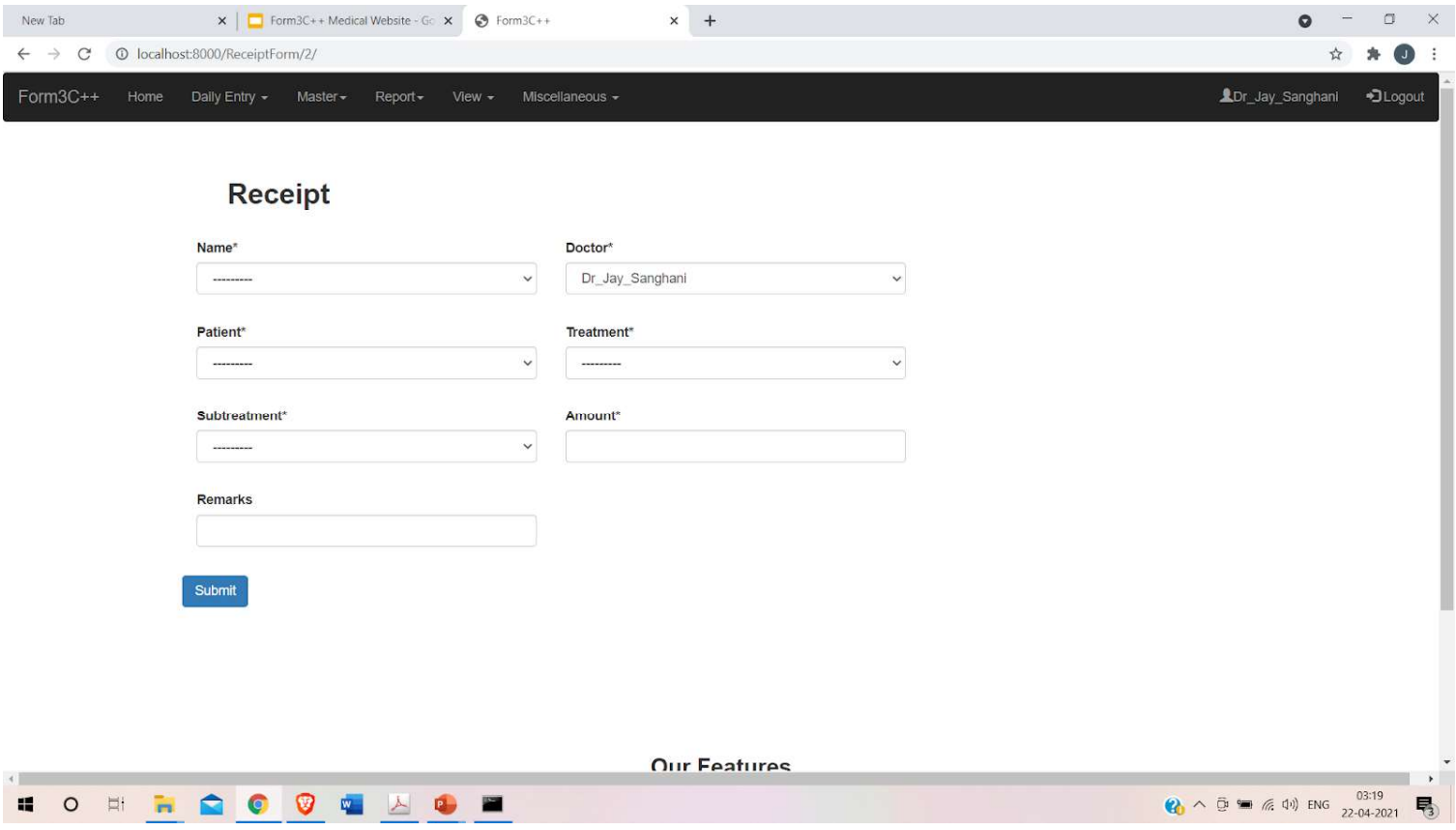
Login Page



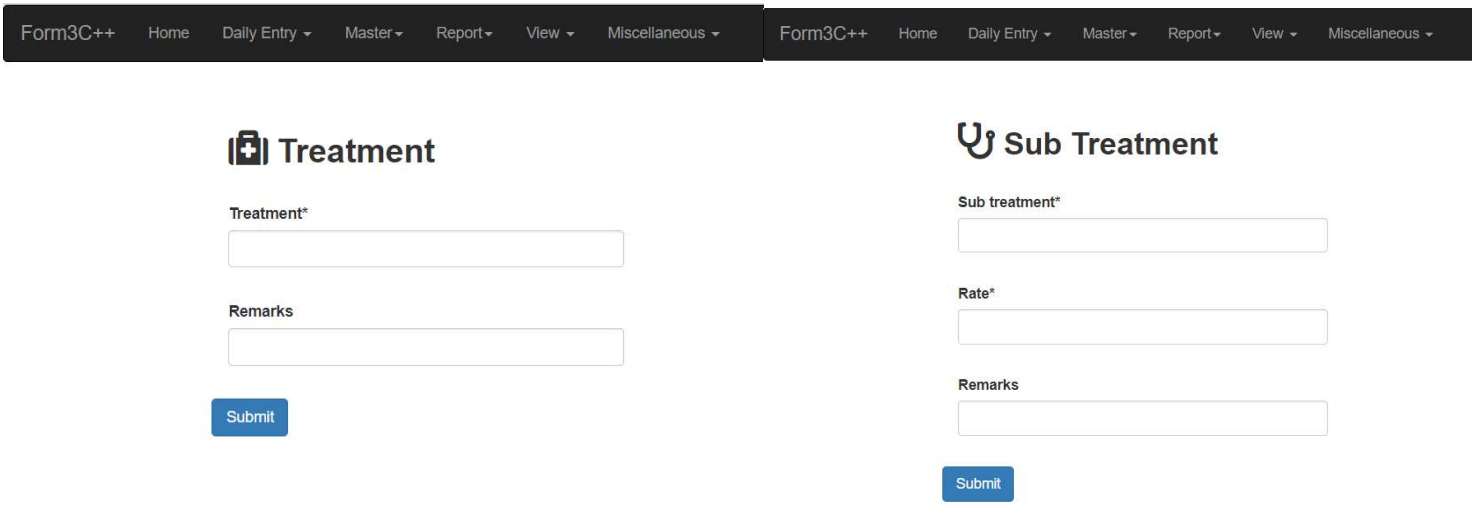
Home Page



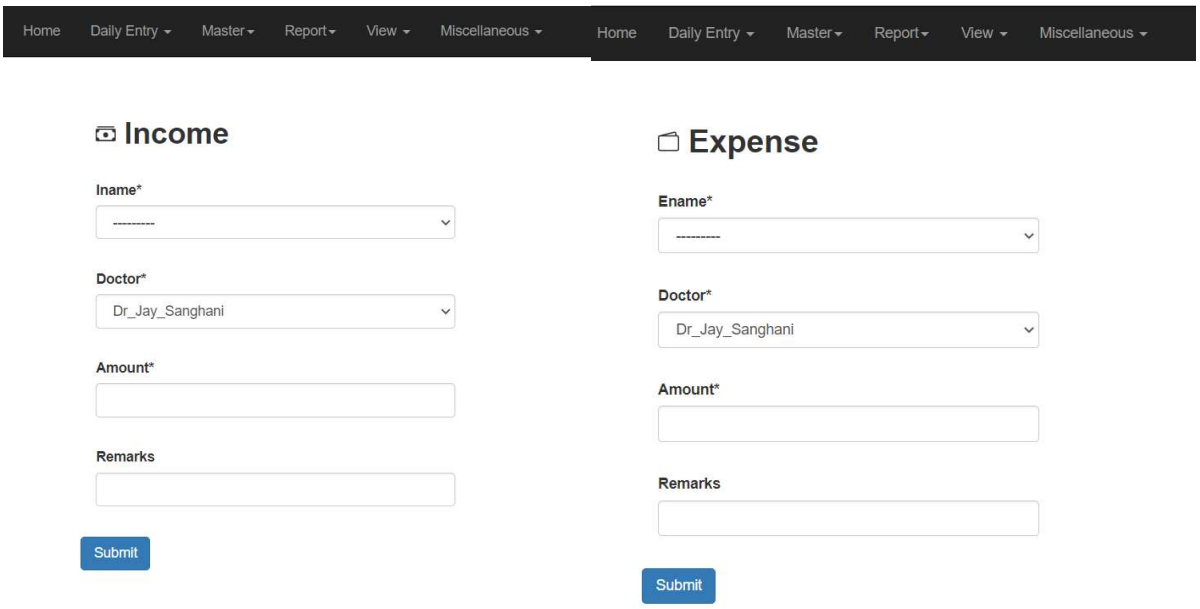
Profile Page



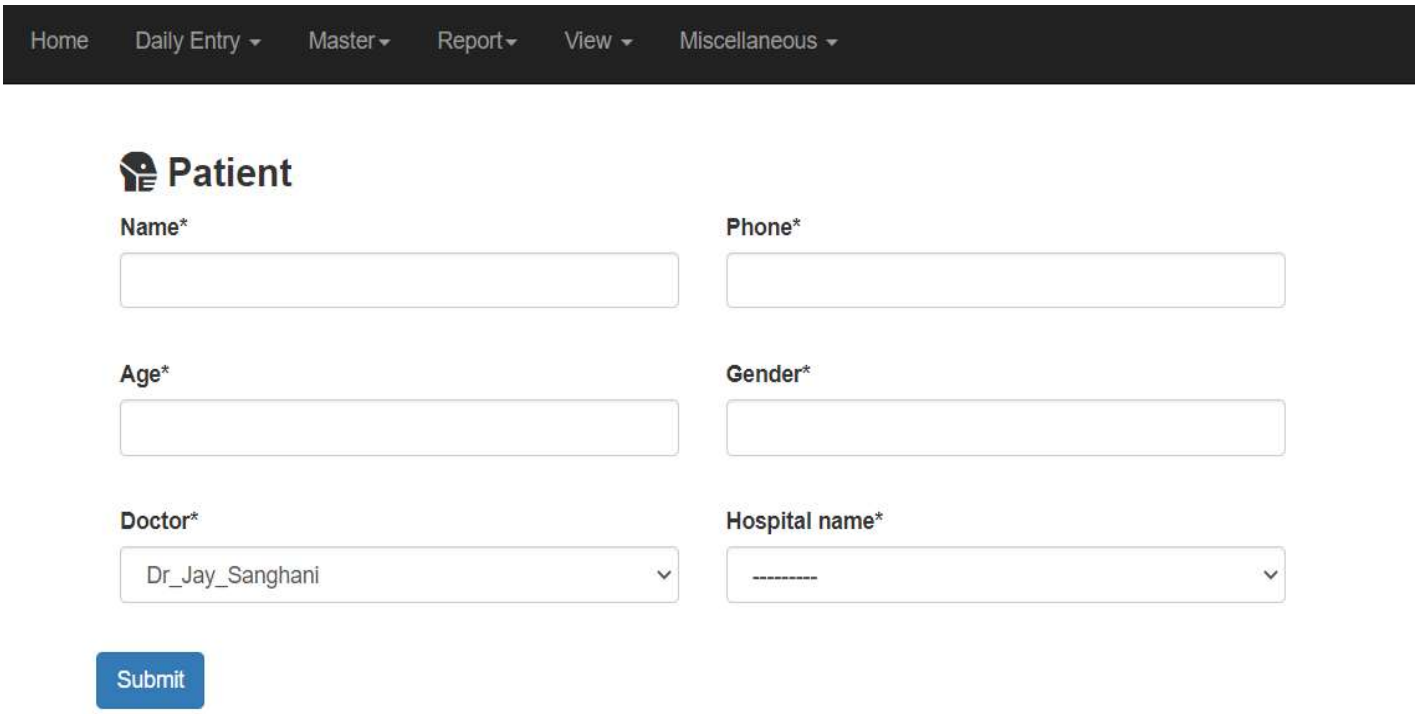
Receipt Generation



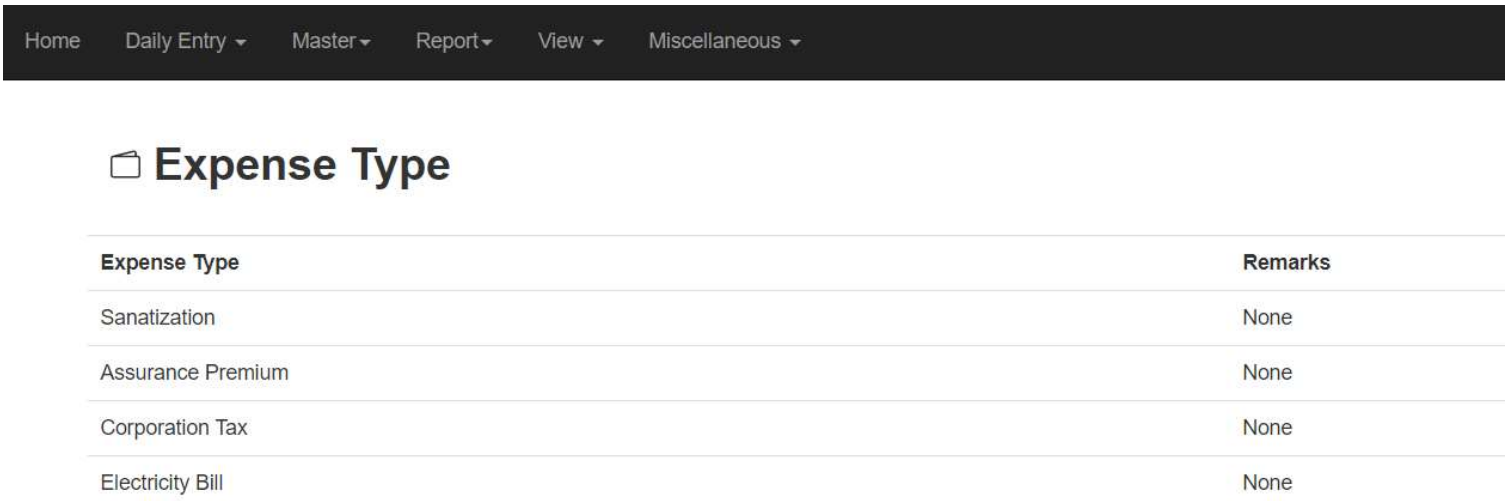
Treatment & SubTreatment Form



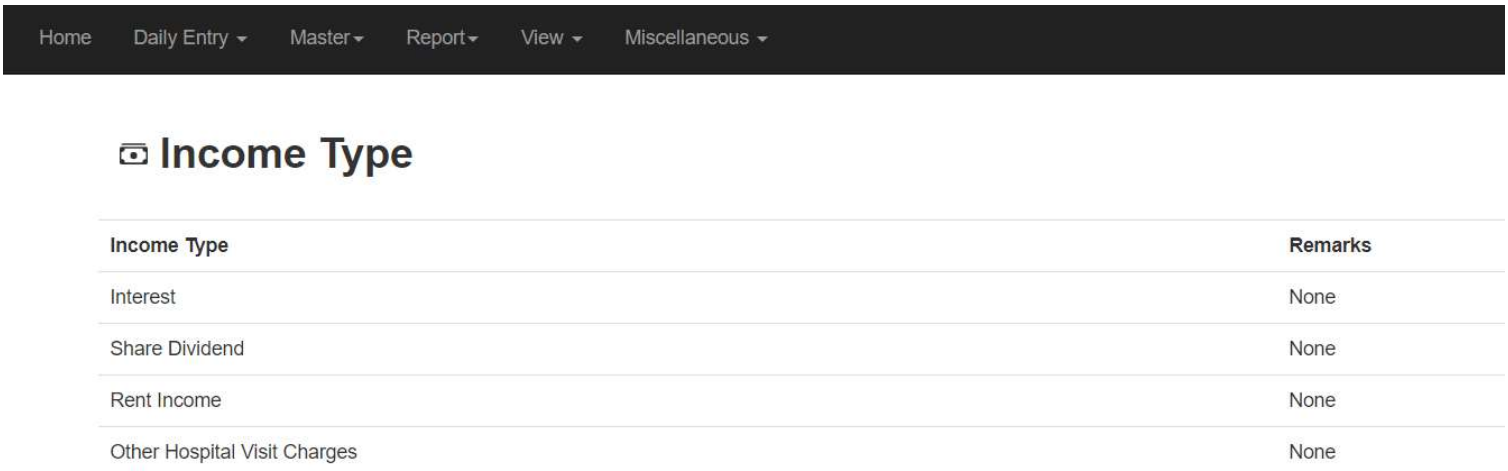
Expense & Income Generation



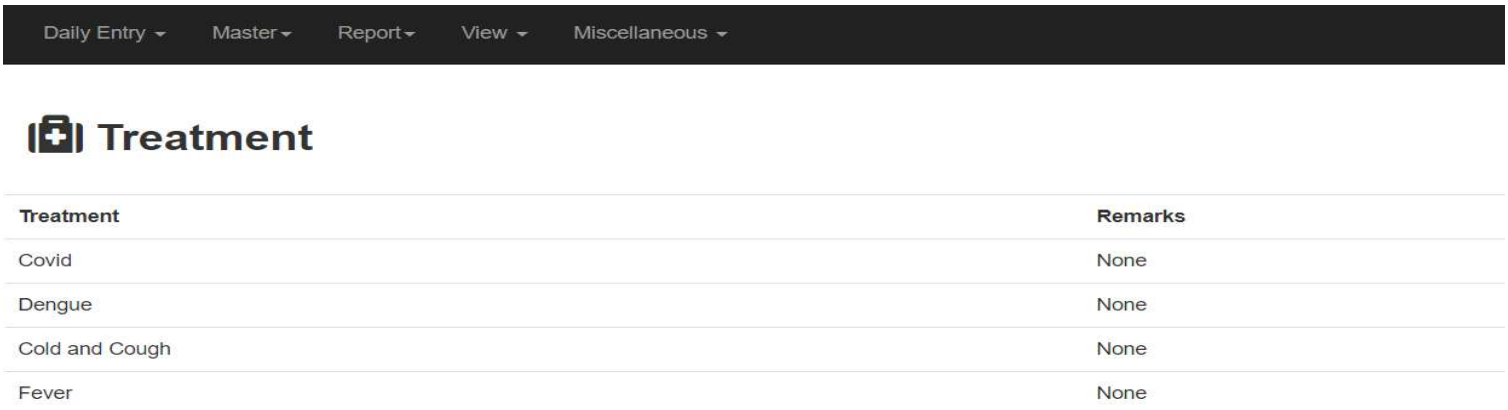
Patient Entry



Expense Type View



Income Type View



Daily Entry Master Report View Miscellaneous

Sub Treatment

SubTreatment	Rate	Remarks
Ambulance	1000.0	None
Blood Test	1000.0	None
Dressing Charge	1000.0	None
Nursing Charges	500.0	None

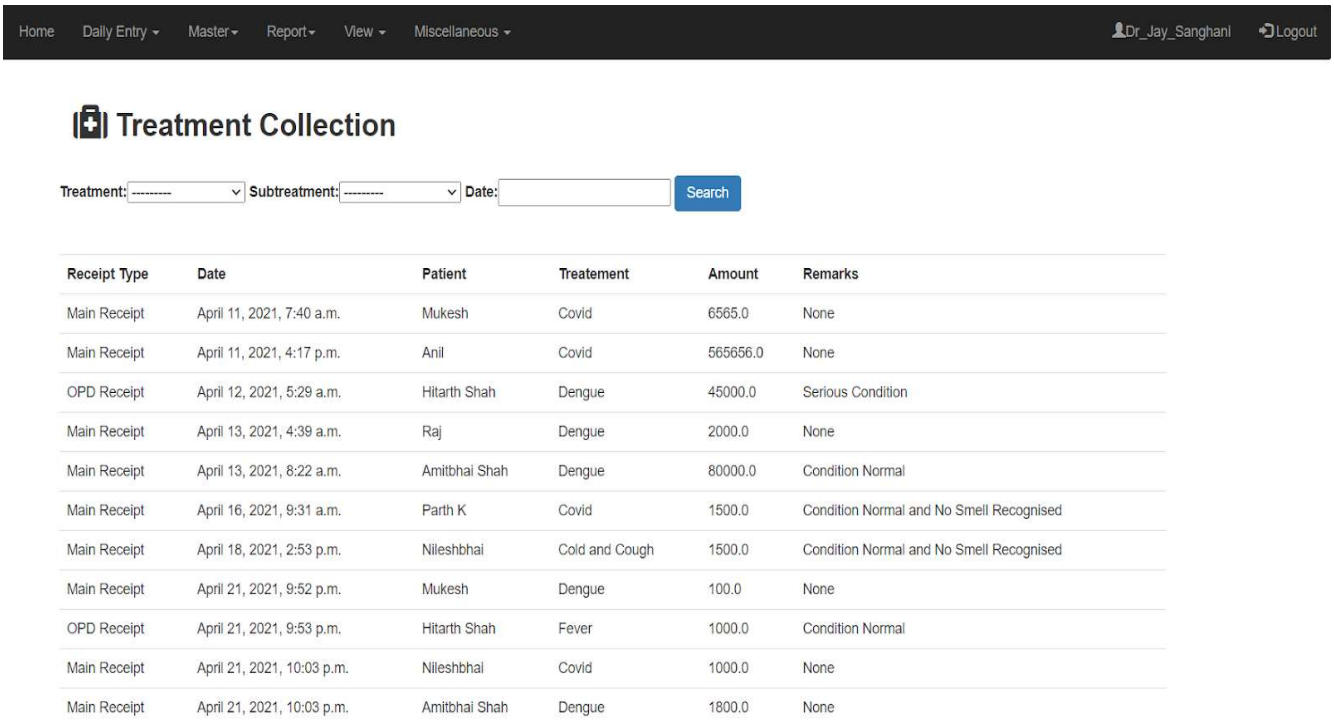
Treatment & Sub Treatment View

Home Daily Entry Master Report View Miscellaneous Dr_Jay_Sanghani Logout

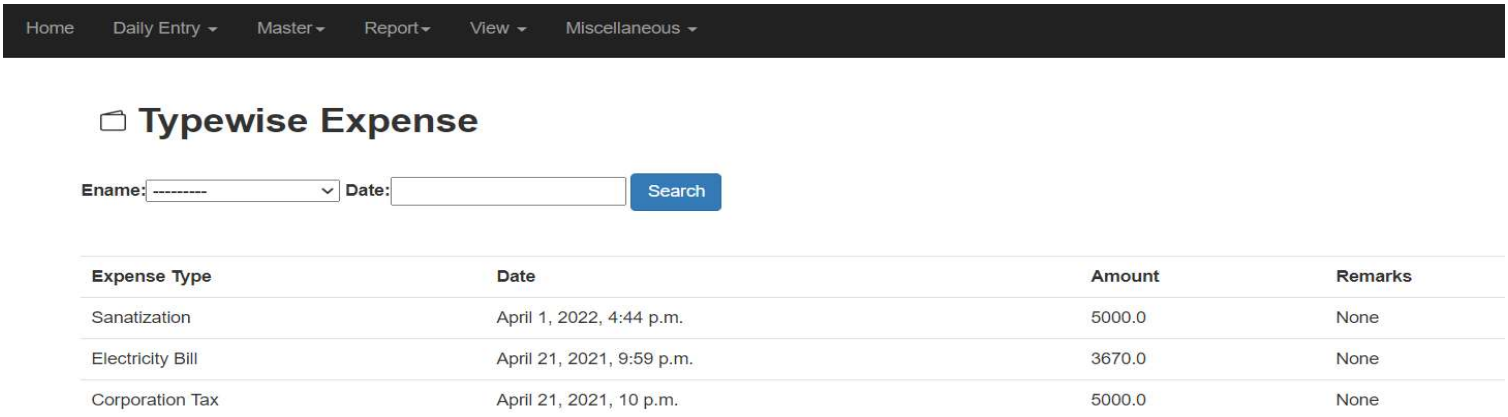
Receipt

Receipt Type	Date	Patient	Treatement	Amount	Remarks	Update	Download
Main Receipt	April 11, 2021, 7:40 a.m.	Mukesh	Covid	6565.0	None	Update	Download
Main Receipt	April 11, 2021, 4:17 p.m.	Anil	Covid	565656.0	None	Update	Download
OPD Receipt	April 12, 2021, 5:29 a.m.	Hitarth Shah	Dengue	45000.0	Serious Condition	Update	Download
Main Receipt	April 13, 2021, 4:39 a.m.	Raj	Dengue	2000.0	None	Update	Download
Main Receipt	April 13, 2021, 8:22 a.m.	Amitbhai Shah	Dengue	80000.0	Condition Normal	Update	Download
Main Receipt	April 16, 2021, 9:31 a.m.	Parth K	Covid	1500.0	Condition Normal and No Smell Recognised	Update	Download
Main Receipt	April 18, 2021, 2:53 p.m.	Nileshbhai	Cold and Cough	1500.0	Condition Normal and No Smell Recognised	Update	Download
Main Receipt	April 21, 2021, 9:52 p.m.	Mukesh	Dengue	100.0	None	Update	Download
OPD Receipt	April 21, 2021, 9:53 p.m.	Hitarth Shah	Fever	1000.0	Condition Normal	Update	Download
Main Receipt	April 21, 2021, 10:03 p.m.	Nileshbhai	Covid	1000.0	None	Update	Download
Main Receipt	April 21, 2021, 10:03 p.m.	Amitbhai Shah	Dengue	1800.0	None	Update	Download

Receipt Summary View



Treatmentwise Summary Collection



Home Daily Entry Master Report View Miscellaneous

Expense

Expense Type	Date	Amount	Remarks
Sanatization	April 1, 2022, 4:44 p.m.	5000.0	None
Electricity Bill	April 21, 2021, 9:59 p.m.	3670.0	None
Corporation Tax	April 21, 2021, 10 p.m.	5000.0	None

Expense Typewise Summary and Expense Summary

Home Daily Entry Master Report View Miscellaneous

Typewise Income

Iname: --------- Date: Search

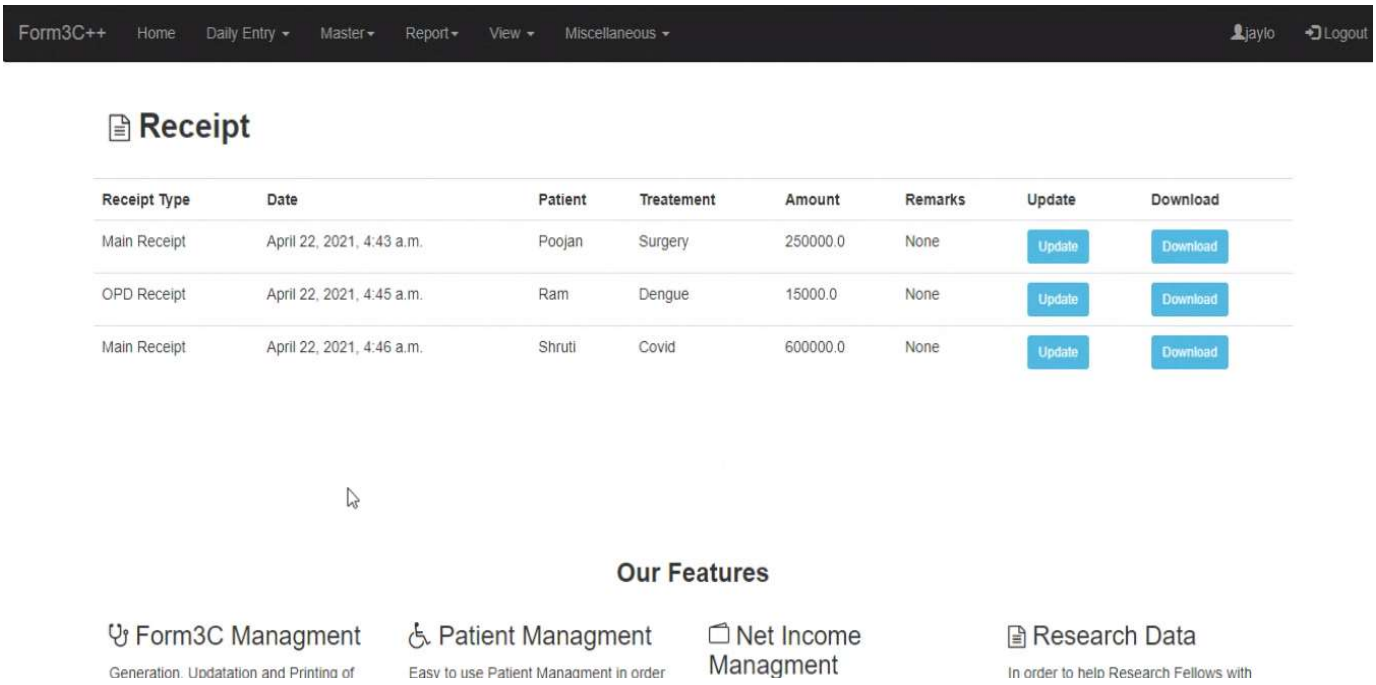
Date	Treatement	Sub Treatement	Remarks
Interest	April 10, 2021, 3:39 p.m.	10000.0	None
Interest	April 18, 2021, 2:55 p.m.	10000.0	April 21 Income Intrest
Share Dividend	April 18, 2021, 5:23 p.m.	10000.0	None
Share Dividend	April 21, 2021, 9:59 p.m.	10000.0	None

Home Daily Entry Master Report View Miscellaneous

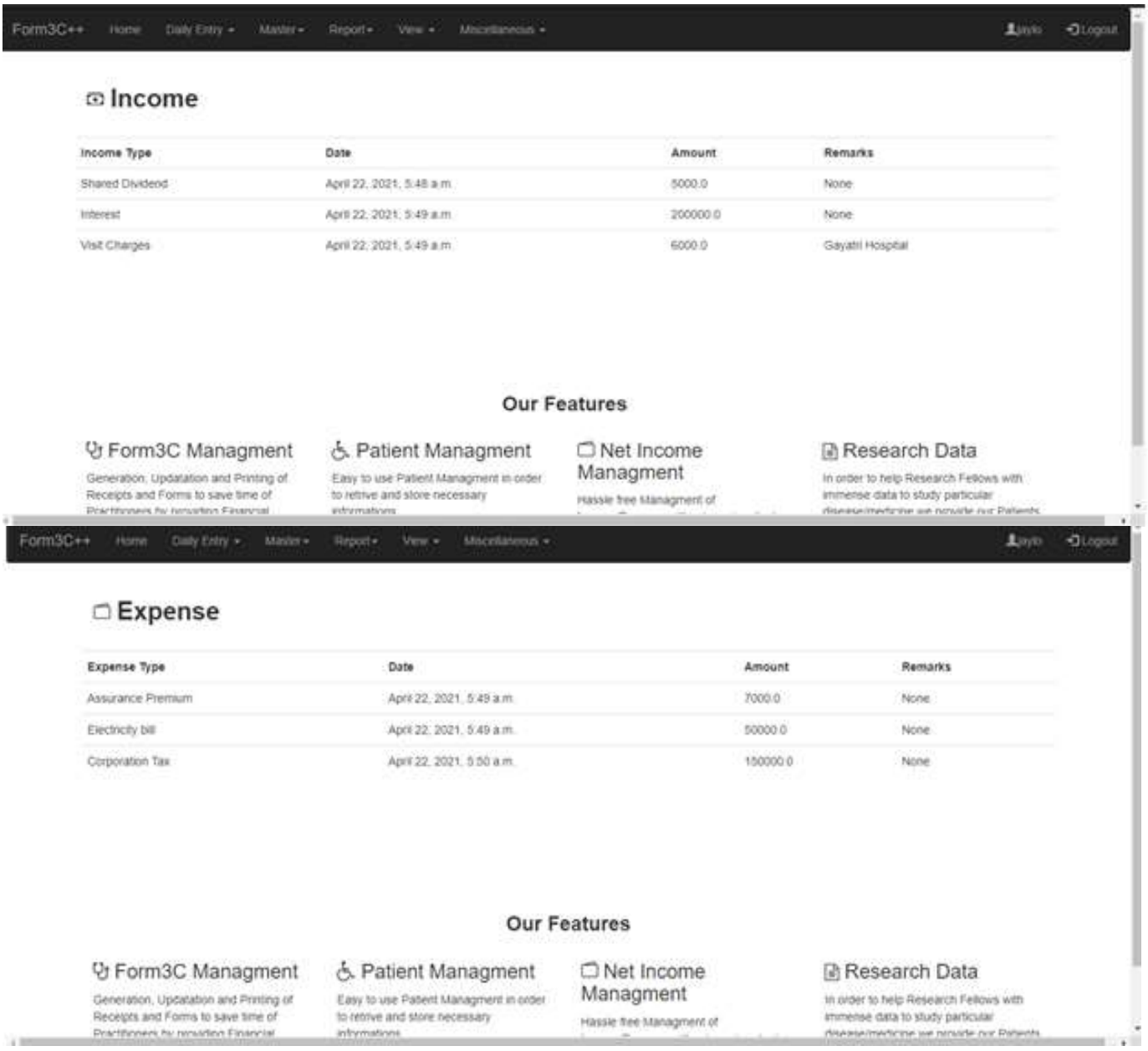
Income

Income Type	Date	Amount	Remarks
Interest	April 10, 2021, 3:39 p.m.	10000.0	None
Interest	April 18, 2021, 2:55 p.m.	10000.0	April 21 Income Intrest
Share Dividend	April 18, 2021, 5:23 p.m.	10000.0	None
Share Dividend	April 21, 2021, 9:59 p.m.	10000.0	None

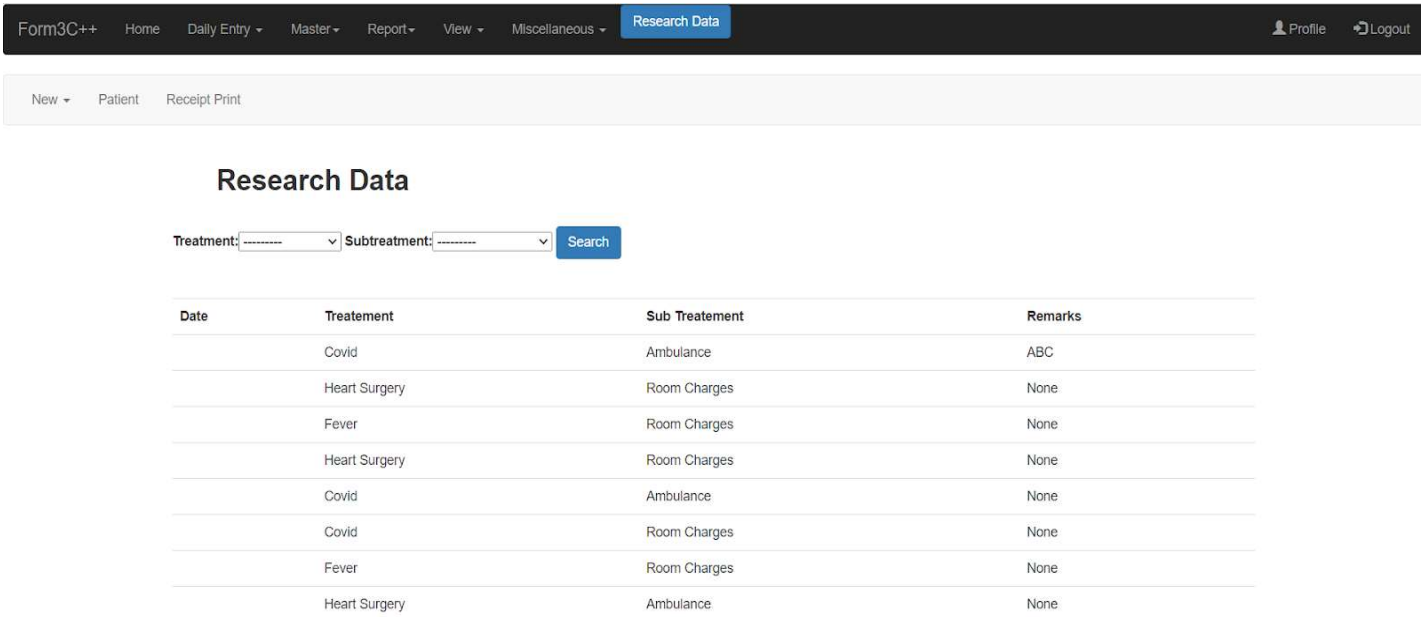
Income Type wise Summary and Income Summary



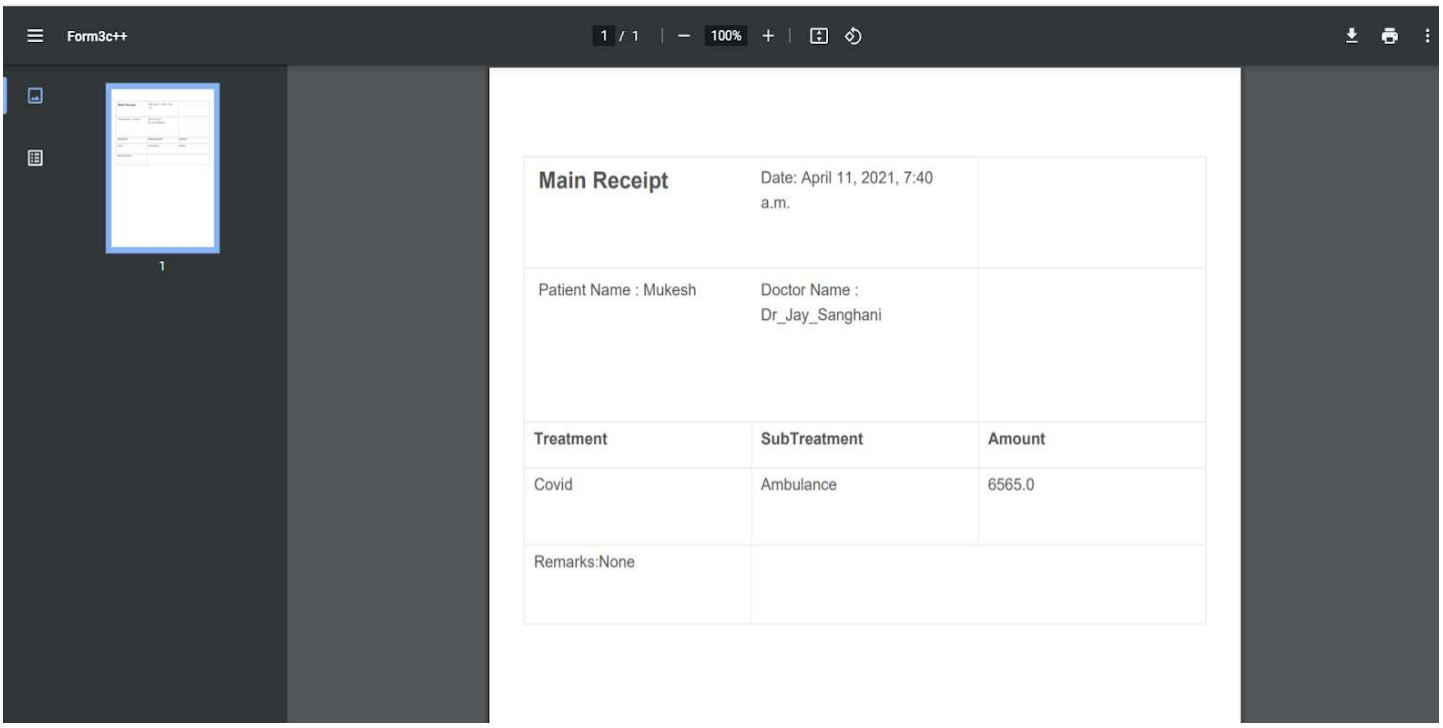
Daily Entry Receipts



Daily Entry Income and Expense



Research Data View Filters



Printing Receipt PDF

Chapter 9:- Limitations and Future Enhancement

9.1 Limitations

- Internet Connectivity is Mandatory.
- Limited Modules.

9.2 Enhancements

- Better UI will be prepared.
- After Feedback, would be resolving and improving the website as soon as possible.
- Add Location and Related Filters in Research Data.
- We would try to add more functionalities for Medical Practitioners and would like to add new user group as Patients where an individual would be able to see and keep track of his entire medical history from all the doctors using this website.

Chapter 10:- Conclusion

- In this project, we developed a reliable, easy, cheap and convenient system for Form3C and Net Income Management

- The anticipated outcome of this System is to make one get rid of the use of the traditional system of storing receipts and finance management using pen-paper format and to use an easy way to work it out. It eliminates the paperwork. It saves immense time and efforts of medical practitioners.