LABORATORY REPORT

Application Development Lab (CS33002)

B.Tech Program in CSE

Submitted By

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Spring 2024-2025

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Exp No.	Title	Date of Experiment	Date of Submission	Remarks
1.	Build a Resume using HTML/CSS	16/01/2025	23/01/2025	
2.	Machine Learning for Cat and Dog Classification	23/01/2025	30/01/2025	
3.	Pneumonia Detection using CNN			
4.	Regression Analysis for Stock Prediction	30/01/2025	06/02/2025	
5.	Conversational Chatbot with Any Files	06/02/2025	20/02/2025	
6.	Web Scraper using LLMs	13/03/2025	20/03/2025	
7.	Database Management Using Flask	20/03/2025	27/03/2025	
8.	Natural Language Database Interaction with LLMs			
9.				
10.	Capstone Project	-	27/03/2025	

Lab Number	10
Experiment Number	Capstone Project
Experiment Title	SwiftCare.ai
Date of Experiment	NA
Date of Submission	27/03/2025

1. Objective:-

To develop a capstone project on any of the provided topics. We chose the topic of healthcare industry and named our platform as SwiftCare.ai. It is an Al-powered healthcare assistant for quick and reliable medical advice, which comes with additional functionalities to keep records of medical history simple and easy for the user.

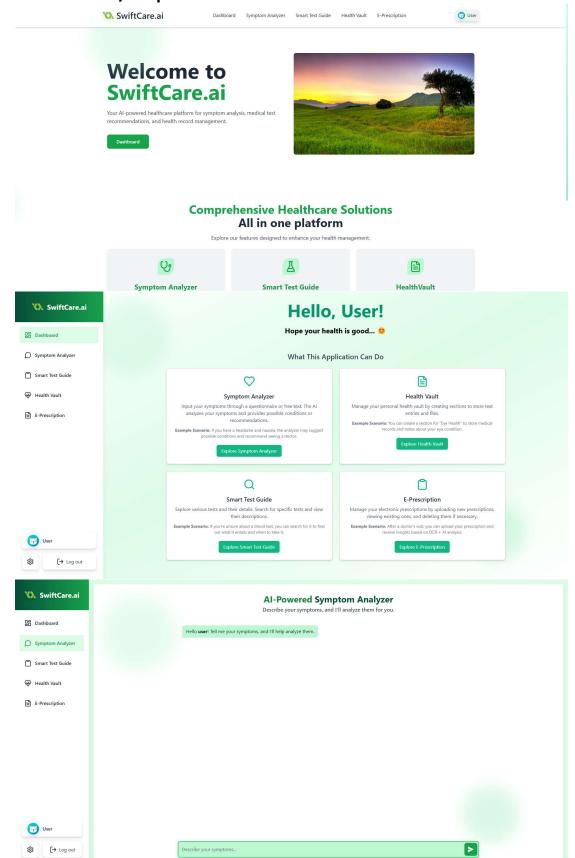
2. Procedure:- (Steps Followed)

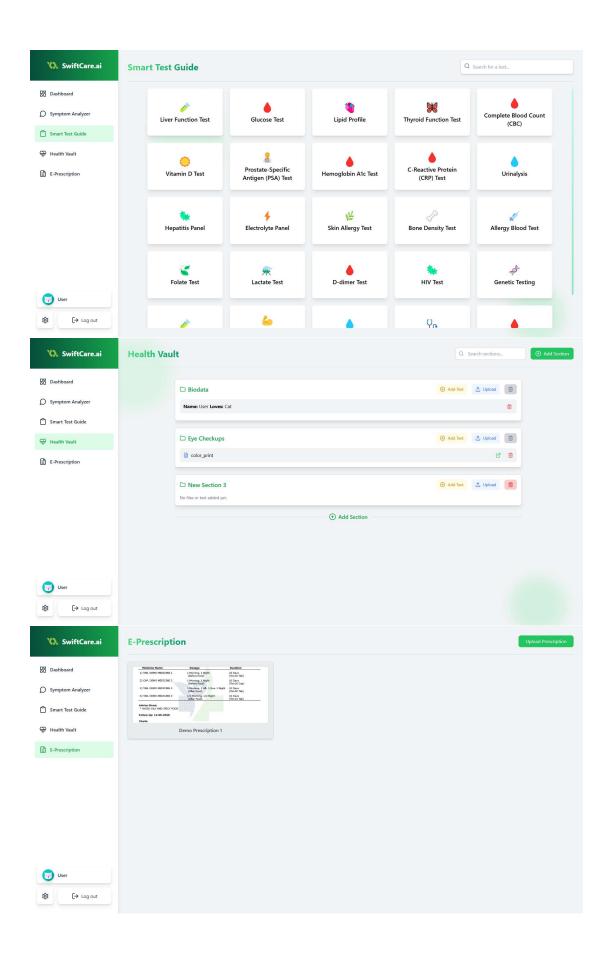
- 1. Choose a topic. [We chose healthcare industry and named our platform as SwiftCare.ai]
 - 2. Create user authentication system.
 - 3. Integrate MongoDB database with the project.
 - 4. Implement Cloudinary for handling of media files.
- 5. Implement different features to ensure that the user will get benefit from such a project. Build responsive UI with attention to UX.

3. Code:-

```
user: null,
isAuthenticated: false,
error: null,
isLoading: false,
isCheckingAuth: true,
message: null,
                     user: response.data.user,
isAuthenticated: true,
isLoading: false,
                  set({
    error: error.response.data.message || "Error signing up",
    istoading: false,
login: async (email, password) => {
frontend > src > pages > ∰ EPrescriptionPage.jsx > ...
                    window.cloudinary.openUploadWidget(
                               cloud_name: CLOUDINARY_CLOUD_NAME,
                               upload_preset: UPLOAD_PRESET,
                              folder: "swiftcareAI",
                              resource_type: "auto",
maxFileSize: 5000000, // 5MB max file size
                                    console.log("Uploaded Successfully: ", result.info);
                                    setFileUrl(result.info.secure_url);
                                    console.error("Upload Error:", error);
                    if (!fileUrl || !fileName) return;
                               `${API_URL}/upload`,
                         setShowUploadModal(false);
                         setFileUrl(null);
```

4. Results/Output:-







5. Remarks:-

Signature of the Student

Signature of the Lab Coordinator

(Name of the Student)

(Name of the Coordinator)