E health

Report

9/11/2022 ADVANCED OBJECT ORIENTED PROGRAM STUDENT NAME: RIAD TEACHER NAME: AKHIL

SECTION: E

INSTRUCTIONS

Project structure: Our project focuses on ehealth. So we have created a login page where a user has to bypass the login page and enter the main home page. Then there will be an interface which is the main menu. Also has a navigation bar and footer. There are a few more options in the navbar, which are Appointment, Registration, Admin Login. User can specify the menu by clicking on the item. The patient can know the details about the doctor and his background then he can get the doctor's appointment. In The home section there are some details about the patient and his recent stress levels.

Equipment: We used Scene Builder to create this project. Basically the scene builder is used for drag and drop so it makes completing the design part of our project easier and faster. The programming languages used: We used Java as a programming language and oop concept. 40% of this overall project structure is CSS and 60% is programming language. Also has Bootstrap.

Features: There are 2 panels one for normal user and another for admin. Admin can control user panel and user can get advice by admin panel menu. There are also several items in the main section called Blood Tests, Medicines and Support. A user can view them from there. Users and doctors can chat with each other in the chat section and doctors can view details about patients from the admin panel

Stage change: We used 2 types of scene transitions. One is stage change and another is window shift. which creates a new window. The home menu has stage changes and the admin section has a new window stage

Project overview: In the midterm we decided to add an extra part which is screen-responsive. But due to lack of time and to avoid code complexity we decided not to proceed with this part and the networking part was also not complementary here.

Limitations: There are some different options where we can't implement properly like user can't reset their password and doctor can't see patient details. Doctors also cannot see their blood reports. Users can't make video calls if they want

