Bachelor of Technology
in
Computer Science & Engineering

UE17CS424 - Human Computer Interaction

Project Report

Submitted by:

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
FACULTY OF ENGINEERING
PES UNIVERSITY
(Established under Karnataka Act No. 16 of 2013)
100ft Ring Road, Bengaluru – 560 085, Karnataka, India

Professor Name - **Dr. Jayashree R.**

Project title - **Bus Ticket-booking Application**

Introduction

   The Bus ticket-booking App has been made with the motive of simplifying online ticket reservation . It consists of a very simple UI, therefore making it easy for users to navigate through the website, and enables users to have a good experience while using our website.

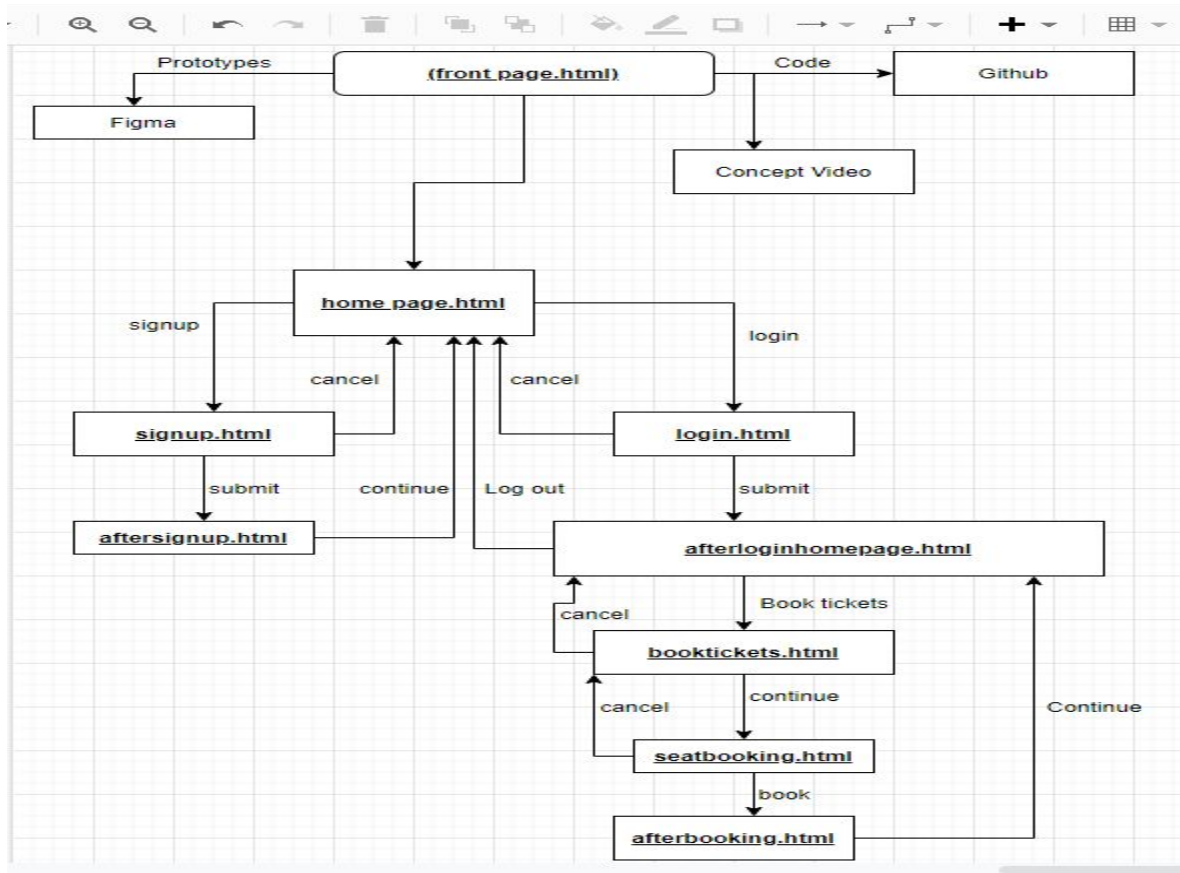
Needfinding

        Our customers would have preferred an app designed with a very simple UI, which has been incorporated in our app, and to give a brief idea about our app's design and navigation, we have also provided a Low-fidelity prototype and a High-fidelity prototype. In addition to this, we have also created a Concept video showing the navigation throughout the app. We have also designed a Home page for our website, consisting of all the information about our app and also the necessary links to other pages.

Heuristic Evaluation (usability)

   Upon doing the required Heuristic Evaluation, in accordance with the heuristic principles (by Nielsen), we have developed a very minimalist app that is less prone to errors.
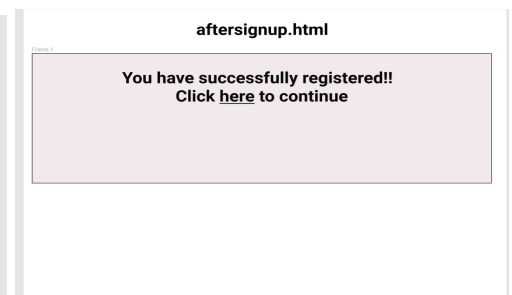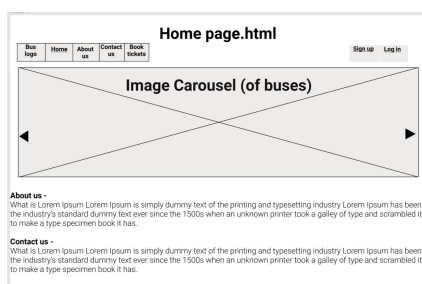

Flowchart

This is our [flowchart](#). Here is a screenshot of our flowchart.

Low- fidelity prototype

These are the screenshots of our Low-fidelity Prototype -

login.html

Email

Password

Submit   Cancel

afterloginhomepage.html

| Bus logo | Home | About us | Contact us | Book tickets | | Welcome User!!! | Logout |

Image Carousel (of buses)

◄   ►

About us -
What is Lorem Ipsum Lorem Ipsum is simply dummy text of the printing and typesetting industry Lorem Ipsum has been the industry's standard dummy text ever since the 1500s when an unknown printer took a galley of type and scrambled it to make a type specimen book it has.

Contact us -
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booktickets.html

Select From Location

▼

Select To Location

▼

Select Number of Seats

▲ ▼

Enter Travel Date

dd-mm-yyyy

Submit   Cancel

seatbooking.html

☐1A	☐2A	☐3A	☐4A
☐1B	☐2B	☐3B	☐4B
☐1C	☐2C	☐3C	☐4D
☐1D	☐2D	☐3D	☐4D
☐1E	☐2E	☐3E	☐4E
☐1F	☐2F	☐3F	☐4F
☐1G	☐2G	☐3G	☐4G
☐1H	☐2H	☐3H	☐4H

Submit   Cancel

afterbooking.html

You have successfully Booked your tickets!!!

Thank you for using eBus services

Continue

High fidelity prototype

These are the screenshots of our High fidelity prototype -

Home page.html

| Bus logo | Home | About us | Contact us | Book tickets | | Sign up | Login |

About us -
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signup.html

Username

Email

Password

Re-enter password

Submit   Cancel

aftersignup.html

Frame 1

You have successfully registered!!
Click here to continue

login.html

Frame 4

Frame 3

Email

Password

Submit   Cancel

afterloginhomepage.html

| Bus logo | Home | About us | Contact us | Book tickets | | Welcome user | Logout |

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booktickets.html

Frame 4

Select From Location

Select To Location

Select Number of Seats

Enter Travel Date

dd-mm-yyyy

Submit   Cancel

seatbooking.html

1A	2A	3A	4A
1B	2B	3B	4B
1C	2C	3C	4D
1D	2D	3D	4D
1E	2E	3E	4E
1F	2F	3F	4F
1G	2G	3G	4G
1H	2H	3H	4H

Submit   Cancel

afterbooking.html

You have successfully Booked your tickets!!!

Thank you for using eBus services

Frame 1

Continue

THANK YOU