CSCC01 - Just on Time System Design Documentation

Arya Sharma, Bhoomi Patel, Sanan Rao, Virthiya Uthayanan, Yuto Omachi

CRC Cards Description

Backend

customerRegisterStratergy

Collaborators	Responsibilities
passport-local bcrypt customerModel	Validate and authenticates request body Add user to the customer model (register user)

organizerRegisterStratergy

Collaborators	Responsibilities
passport-local bcrypt eventOrganizerModel	Validate and authenticates request body Add user to the eventOrganizer model (register organizer)

customerController

Collaborators	Responsibilities
passport customerRegisterStratergy	return status code return appropriate message

organizerController

Collaborators	Responsibilities

passport organizerRegisterStratergy	return status code return appropriate message

customerRoutes

Collaborators	Responsibilities
express customerController	Handles post and get request for customer

organizerRoutes

Collaborators	Responsibilities
express organizerController	Handles post and get request for organizer

Frontend

Header

Collaborators	Responsibilities
react bootstrap userButton logo header.css	Creates a navbar(header) with the just on time logo and a button to go between login and signup.

Userbutton

Collaborators	Responsibilities
react bootstrap	Creates a button with a drop down to navigate between login and signup.

Login

Collaborators	Responsibilities
react bootstrap	Creates a login page with necessary fields required for login and handles error sent by backend

Signup

Collaborators	Responsibilities
react bootstrap	Creates a signup page with necessary fields required for signup and handles error sent by backend

Index

Collaborators	Responsibilities
react reactDom login signup header	Render the home page with the header and adds routes so that other pages can be rendered when user navigates from one page to another.

System Architecture Design

We used MERN stack to make a web application. In the backend we decided to use node and express and in the frontend we have used React, a front end JavaScript library for building user interfaces based on UI components.

We have used MongoDb since we wanted a relational database, MongoDb is a NoSQL database.