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DESCRIPTION   PAGE

Project Proposal

Our idea is to create a solution for restaurants. We all have been to restaurant and waited so long for the menu. And taking the current situation into account we are providing digital menu for the users, where users can see all the menu items on their phone and order what they want without anyone's assistance.

The application has Guest and Admin. Admin's are the ones who have food business. This will be a web component. Admin needs to login and create a profile. Admin can create, read, update, and delete all the menu items which are visible to the guest, and can also see the orders.

Guests are the visitors to the restaurant. They will see all the items in the restaurant which are managed by the admin. Guests can place their orders using the application. Once guests place their orders admin can see what the guest has ordered and delete the order once it was made.

PROJECT CHARTER

BUSINESS PURPOSE

The main purpose of the project is to let restaurants make their menu into digital form where there will be contactless communication.

PROJECT ROLES/RESPONSIBILITIES

Role	Name
Advisor	Dalibor Dvorski
Designer	Sneh Joshi
Developer	Priyanka Gachumala
Tester	Sonalben Chauhan

FEATURES LIST

- Customers can place orders online during their visit to the restaurant eliminating physical menu system.
- Admin/Business owner will have the flexibility to change their menu with ease.

SYSTEM OBJECTIVES

- To eliminate the use of physical menu system in the restaurants and to replace them with digital menu.
- To make process of ordering food independent during Dine-In.

PRELIMINARY TECHNICAL ARCHITECTURE

IDE	Android Studio
Programming Languages	Java, JavaScript
Framework	Angular
Database	Firebase

TEAM CHARTER

TEAM NAME

Foodaholic

TEAM MEMBERS

Name	Email
Sneh Joshi	sjoshi5071@conestogac.on.ca
Priyanka Gachumala	pgachumala1782@conestogac.on.ca
Sonal Chauhan	schauhan6672@conestogac.on.ca

MEMBER ROLES

List the team member(s) who will work on each aspect of the project in the table below:

Project Management	
Team leadership	Priyanka
Project planning	Sneh Joshi
Project record-keeping	Sonal Chauhan
Analysis, Design and Documentation	
Diagramming and documenting requirements	Sneh Joshi
Diagramming and documenting overall design	Sneh Joshi
Technical documentation	Priyanka
Web Development	
Creating web graphics	Sneh Joshi

Web site design	Sonal Chauhan
Web programming	Priyanka
Interactive testing	Priyanka
Business Layer Development	
Technical / lower-level programming	Sonal Chauhan
Unit and integration testing	Sonal Chauhan
Database Development	
Database design	Sneh Joshi
Development	Priyanka
Other	
Report development	Sonal Chauhan
Installer development	Priyanka

TESTING

WEB COMPONENT

For web app, we have planned to do unit testing.

ANDROID APPLICATION

For android application, we are going to use Robo tests. This process will be an automated testing. It will give us platform to test UI/UX and to validate bug fixes with regression testing.

It captures log files, sequence of screenshots and automatically makes a video of screenshots to depict the simulated user operations performed. Furthermore, using this screenshots and videos of the running application, we can solve the problems, bugs, and issues with the app's UI. [1]

PROJECT SCHEDULE

Project	Start	End
Application development	June 8	August 22
Sprint 1	June 8	June 29
Sprint 2	June 30	July 14
Sprint 3	July 15	July 29

REFERENCES

[1] https://firebase.google.com/docs/test-lab/android/robo-ux-test

Team Charter and Project has been taken from the "Inception" module

AGREEMENT

Sneh Joshi - 7th June 2020

Priyanka Gachumala - 7th June 2020

Sonal Chauhan - 7th June 2020