

Web Systems and Technologies (Lecture)

IT 324

9461A

Midterm Project Proposals

3:00 - 4:00 TF

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Name of the Application (1): Foodie

Brief description of the application:

This application helps and teach the user to cook and prepare a good and affordable recipe. It also locate all the nearby stores for the ingredients you needed to buy. The target user of this application are the students who can afford the ingredients and only have a limited time to cook.

Main features:

1. **Recipe Tutorials:** This feature will help the user learn how to cook by providing a step-by-step cooking tutorial video. It is a user-friendly application because the recipe will be categorized: healthy(vegetables), desserts, baking, drinks, side dishes and more.
2. **Location:** This feature will help the user locate the stores or markets nearby that sell all the ingredients needed.
3. **Mealboard:** This feature will allow the user to create a meal plan she can prepare for a week by choosing the recipes desired and adding them to the weekly calendars. Having a good plan will help the user save time and money.
4. **Timer:** This feature allows the user to set the time needed for the cooking that will keep track and manage the time for every recipes being cooked on the stove or in the oven, avoiding overcooked, undercooked or burnt food.

List of technologies to be used:

- Bootstrap
- HTML/CSS
- Google firebase
- JQuery
- JavaScript
- Geolocation
- Youtube

Applications UI Mock-ups

- Axure

Name of Application (2): JeepNiJuan

Brief description of the application:

This application allows the user to locate all the jeep terminals existing within Baguio city. It will help the people especially the tourists who are unfamiliar to the city but wants to travel to different places. Instead of taking taxi everytime they want to switch places, they can just simply type the place they want to visit and the application will let them know the nearest jeep terminal that will bring them to that place.

Main features:

1. **Location of terminals:** The application allows the user to locate all the jeep terminals existing in Baguio city to help them travel to different places.
2. **Search places:** Users can search places they want to visit and the application will provide different jeep terminals that will take them there.
3. **Map:** Whenever a user searched a place, the application will provide a map and directions on how to go to the jeep terminals that will take them to that place.
4. **Time and Distance:** Users can view the computed time (minutes) and distance (kilometers and meters) they needed to travel to locate the jeep terminal that will bring them to the place they want to visit.

List of technologies to be used.

- Bootstrap
- HTML/CSS
- JavaScript
- Google maps
- Geolocation

***Application's UI mock-ups**

- Mockplus

Name of Application (3) : Frisbeeeeee

Brief description of the application:

This web application promote the sport ultimate frisbee. This web application shows how to play ultimate frisbee. It contains videos of techniques and plays of ultimate frisbee. This web application also shows nearby ultimate frisbee teams that they can train with.

Main features:

How to : This feature contains videos of how frisbee is played

Improve your game: This feature contains video of plays and techniques of how to improve your game in ultimate frisbee

Team finder : This feature shows nearby teams that they can contact so that they can practice and play with them

List of technologies to be used.

- Html5
- Css3
- Javascript
- Geolocation
- Youtube API

Name of Application (4): iMusika

Brief description of the application:

This application focuses on video tutorials in instruments such as guitar, violin, piano, etc. The aim for this application is for the users who wants to learn a specific instrument.

Main features:

1. **Instruments:** This features the different instruments that the users wants to learn how to play a specific instrument.
2. **Notes:** Users can choose to learn one of the plenty pre-loaded songs with minus one musics. Users can play the instrument as the chords come down the screen. Users can also learn how to read notes or chords.
3. **Tuner:** If the user's instrument is out of tune, the user can tune their instruments with the help of the application.

List of technologies to be used

- Bootstrap
- HTML/CSS
- Google firebase
- Chrome Developer
- JavaScript
- Youtube
- Unreal Engine
- Unity