Project Proposal SODV3203

# Project Name: L.A.S

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\*\*Notice L.A.S stands for Land, Air and Sea\*\*

# Description of the L.A.S Application:

# The application is called L.A.S, it is a trip planning application where users plan their trip. Users can plan their trip and customize the way they want to plan the trip depending on their own needs. L.A.S has features where the application can determine how long the destination will take depending on the users means of transportation. Users can also create a pack list where they can be remined of the things they need to pack for the trip. Another feature that user can use is a budget tracker they can set a fixed budget so that they do not overspend during their trip. Data will be stored locally in a database consideration on how the data will be stored will be made soon. Lastly the application can save previous trips so that if a user were to use the same planning, they would be able to do so. the of the goal is to create a trip planning application that allows users to become creative on their trip planning and cater to their planning needs.

# Use case examples:

1. As a user I want to be able to see how long it will take for me to get from destination a to b.
2. As a user I want to be able to re-use the same trip route so that I don’t have to create a new one every time I want to go the same location.
3. As a user I want to be able to create a packing list where I will be reminded of the things I need to pack.
4. As a user I want to be able to manage my travelling budget accordingly so that I don’t waste my money before I even get to my destination.
5. As a user I want to be able to customize my trip so that I can make my trip an enjoyable experience.

# Key features:

* Google location services that track the user’s location but only if they are not transporting by plane or by sea
* Packing log where users will have a list of things they will have to pack for the trip
* A budget planning feature that shows how much they are going to spend during their trip and will be notified if they have gone over their budget.
* Create, Read, Update, and Delete trip events

# Supporting material:

* Geolocation API google: <https://developers.google.com/maps/documentation/geolocation/overview>
* Android Studio developer fundamentals:  
  <https://developer.android.com/courses/fundamentals-training/overview-v2>
* Flaticon for icons:  
  <https://www.flaticon.com/free-icons/android>
* User guide android studio:  
  <https://developer.android.com/studio/intro>
* Material Design:  
  <https://material.io/resources/tutorials#android-java>
* Wireframe whimsical:  
  <https://whimsical.com/>

# Goals:

These are set goals for the application.

\*\*Notice: there is not a set schedule for when these features will be finished\*\*\*

- Create UI Design of the app

- Login page

-Sign up page

- Home page

-Pack Log page

- locally stored database

- Learn third party API’s such as google geolocation

# Wireframes:

<https://whimsical.com/l-a-s-wireframes-Po1T9dQytMCMxy6UCkSii5> for a better look

