# **Project Proposal: Travel Application**

|  |  |
| --- | --- |
| **Team Number:** | **# 2** |
| **Team Name:** | **API Masters** |

# Team Members:

|  |  |
| --- | --- |
| **Name** | **Email Contact** |
| Sonja Gorin | sonjaljatkovic@gmail.com |
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| Jacob Martin | jake66martin@hotmail.com |
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## Logo

## Project Board Website Link and Screenshots

## Project Description (High Level):

### **Motivation:** Me and my familylike to travel and we prefer to travel cheap, and like to take vacation and visit my family and friends. This website will help us to achieve that goal.

## User Stories

AS an avid travelerI WANT to see all my flight and hotel options in one convenient placeSo THAT I can choose the options that are best for me

## Acceptance Criteria

Use a CSS framework other than Bootstrap.Be deployed to GitHub Pages.Be interactive (in other words, accept and respond to user input).Use at least two server-side APIs Links to an external site.Use modals instead of alerts, confirms, or prompts.Use client-side storage to store persistent data.Be responsive.

## APIs to be Used (Projects One, Two and Three):

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Resource** | **URL** | **HTTP Verb (GET, POST)** | **Action** | **Used For** |
| Tripadvisor | <https://rapidapi.com/DataCrawler/api/tripadvisor16/discussions/98427> | GET |  |  |
| Booking | https://rapidapi.com/tipsters/api/booking-com | GET |  |  |

## Libraries to be Used (Projects One, Two and Three):

{List client-side CSS and JavaScript Libraries being used in this project. List the names, descriptions and URLs for these libraries, along with the reason to use it. Examples include JQuery, Materials UI}

## Packages Required (Projects Two and Three)

## Minimum Viable Product (MVP) Requirements

The MVP for our application is as follows:

1. Application would be functional without any errors -at inspect-console.
2. The page would allow user to search for a travel destination.
3. API would return either a list of travelling options or an error that can be presented to the user.
4. Application would be able -on demand, to retrieve hotels using another API. API would return a list of hotels in the region/city of destination.
5. Application would allow user to save information on our Local Storage
6. Application would allow user to retrieve saved information

Nice to have:

1. Application would be able to export or email list of flights for any specific search.
2. Application would be able to have multiple destinations
3. Application would allow user to choose the API service to use.
4. Application would allow registration and a login screen to have separate profiles.

## **Stretch Goals**

## **Breakdown of Tasks (Ownership by Group Member):**

## **Schedule for Completion of Tasks:**

|  |  |  |
| --- | --- | --- |
| **Date** | **Task** | **Notes** |
|  |  |  |
|  |  |  |

## **Database Schema (Projects Two and Three Only)**

|  |  |  |  |
| --- | --- | --- | --- |
| Model | Properties / Fields | Type | Details |
|  |  |  |  |
|  |  |  |  |

## **Associations (For Projects Two and Three Only):**

It is good to define the *schema for your project*. This defines the model of the data and the relationship between the data. This will help you create the tables needed to store your data and perform CRUD operations on it. It is called a Database Schema. (see<https://database.guide/what-is-a-database-schema/> )

## **Validations:**

## **Migrations and Seed Information (Projects Two and Three Only)**

## **Wireframes:**

## **Website “Components” and/or “Sections”**

## **Git Workflow, Website Directory Structure:**

Production Branch Name: `main`

Development Branch Name: `develop`

All developers will create branches off `develop` according to the naming convention:

***feature/task i.e. feature/navigation-bar***

***docs/task i.e. docs/update-README***

***bug/bug-desc i.e. bug/fix-navigation-bar-color***

## **Code Review and Merge Requests**

Identify Name(s) of people doing code review and approving Merge Requests: (lists names here)

|  |  |  |
| --- | --- | --- |
| File | Team Member | Team Member |
|  |  |  |
|  |  |  |

### **Directory Naming and Structure; Filenames and descriptions**

Only list the important files and folders.

### 

## **“Stuck Time” Agreement:**

The team must identify and agree to a time frame that a team member must use as a limit before reaching out to (a) fellow team members and then (b) the instructional team (in-class) for support. That way, *no one should be stuck for ‘days’ or ‘many hours’ on a task.*

We the team members of (insert project team number or team name here) agree that the following period of time of investigation (with evidence) is allowed before identifying themselves as being “stuck” or “bottlenecked”, in which case, the team member can then seek the assistance of other team members, the instructional team, or AskBCS for assistance.

Period of time permitted before asking to seek assistance (hours): 1 hour

As agreed upon by the following team members (name and signature below)Retrospectives – To Be Handed in At the Project Midpoint

Each team is to hold a *retrospective* meeting at the half-way point of the project period.

References:

· [What is a sprint retrospective - EasyRetro former FunRetro](https://easyretro.io/blog/what-is-a-sprint-retrospective/#:~:text=To%20facilitate%20this%2C%20the%20retrospective%20is%20based%20on,commit%20to%20doing%20differently%20in%20the%20next%20sprint%3F)

· [What is a retrospective? – All About Retrospectives (retromat.org)](https://retromat.org/blog/what-is-a-retrospective/)

Each team is to submit to the instructional team a short three paragraph Microsoft Word or PDF document at **the mid-point** of the project that describes the following:

· What worked well in the sprint?

· What didn’t work well and could be improved?

· What will we commit to doing differently in the next sprint?

## **GitHub Repository Link, Production Website Link Submission Dates**

To be filled in by the project team under advisement of the instructional team (and set out in Canvas)

## **Additional Notes:**