**Prototype Requirements**

**P10:Odysseum**

| **Student ID** | **Name** |
| --- | --- |
| **25100283** | **Muhammad Affan naved** |
| **25100225** | **Mohammad Haroon Khawaja** |
| **25100212** | **Shahrez Aezad** |
| **25100097** | **Pir M. Shahraiz Chishty** |

**Table of Contents**

[1.](#_gjdgxs) Introduction 3

[2.](#_30j0zll) Instructions 4

[3.](#_1fob9te) List of Requirements for Prototype 5

[4.](#_3znysh7) Review checklist 6

# Introduction

This project aims to develop a travel/social network application to help travelers plan their next trip using just one app. Rather than relying on blogs and pages from different online outlets, the app would be a one-stop solution for all travelers. The application will provide users a platform to search for various tourist destinations they may be interested in visiting and what these destinations offer, such as accommodation, sightseeing, dining, nightlife, historical sites, and tour guides. Combining all these services onto one platform would improve the travel experience and allow users to make well-informed decisions based on destination information.

Nowadays, travelers face a fundamental problem: finding accurate and relevant information. They have to rely on large commercial travel agencies that only have profit-driven goals or on personal connections that provide limited details and advice. This gives travelers an experience far from fulfilling, while local businesses gain limited benefits. The purpose of this app is to serve as a networking app to connect like-minded travelers and local service providers such that both parties benefit, with travelers having a fulfilling experience visiting their destinations and the local business being allowed to boost the economic growth in the region.

As stated above, potential users of this app include travelers themselves, administrators and local businesses which are but not limited to hotels, restaurants, and tour guides.

# Instructions

<

* Select a subset of system requirements and implement them. The end result of the prototype phase must be a working system with the selected set of requirements implemented completely. No mock-up screens will be accepted.
* While you may choose to implement Login/Logout functionality for prototype phase, you must also implement some core/business use cases of the system.
* Select the set of requirements keeping in mind that you have a total of three weeks for prototype development. You may be asked to add more requirements if more can be achieved in the given duration.
* The prototype must be built using the tools and technologies which you have selected for your system development.
* Follow standard coding practices.
* By the end of the prototype development phase,
  1. You should have learnt development tools and technologies.
  2. You should have a clear idea of detailed technical architecture of your system. After the prototype phase, you will be required to define detailed technical architecture of your system.
* **Prototype Submission**
  1. Deploy the properly tested **working prototype** on an online hosting platform.
  2. Upload the **Code** with proper comments in “prototype” folder of your project’s Github repository.
  3. Prepare a **3-4 minutes video** that explains the functionality of your prototype—to be uploaded in “prototype” folder of your project’s Github repository.
  4. Fill the provided template for **Readme-Prototype.txt** file and upload in the Github repository.

# List of Requirements for Prototype

| **Requirements** | |
| --- | --- |
| **Sr#** | **Requirement** |
| 1 | As any user (tourist or business owner), I want to be able to create and login to an account using my email or username. |
| 2 | As any user (tourist or business owner), I should be able to edit my profile and add information such as a bio, profile picture and traveling interests. |
| 3 | As any user (tourist or business owner), I should be able to make a post which can contain images or videos and share them with everyone. |
| 4 | As a user, I should be able to search for and view different locations and user profiles. |
| 5 | As a user, I should be able to bookmark certain posts or locations and view them later. |

# Review checklist

Before submission of this deliverable, the team must perform an internal review. Each team member will review one or more sections of the deliverable.

| **Section** **Title** | **Reviewer Name(s)** |
| --- | --- |
| Section 3 | Muhammad Affan, Mohammad Haroon Khawaja, Shahrez Aezad, Pir M. Shahraiz Chishty, Luqman Aadil |
|  |  |
|  |  |
|  |  |