**Sprint-2 Requirements**

**P-10:Odysseum**

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# 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 have to 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 will allow users to make well informed decisions based on information on the destinations..

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 given an opportunity 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.

# List of Requirements for Sprint-2

| **Requirements** | |
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| **Sr#** | **Requirement** |
| 1. | Users should be able to create a business and advertise their services on the platform. |
| 2. | Users should be able to write reviews for a location or a business for others to view. They should also be able to upvote or downvote reviews based on usefulness. |
| 3. | Users should be able to view locations currently popular amongst others to visit based on a popularity metric. |
| 4. | Optimize the way posts, comments, reviews and search based use cases (searching locations, users and businesses) are retrieved from the backend via Tanstack query. |
| 5. | Security features such as JWT tokens for all completed and tested API routes should be implemented as well as secure storage for access tokens in the end user’s device. |
| 6. | Implement an infinite scrolling mechanism for viewing posts, comments, reviews and users. |
| 7. | Improvements in overall UI and a better color theme. We will also add a light and dark mode toggle if the time permits. |
| 8. | Implement a heatmap which allows users to view which businesses are popular in certain locations. They can view these via a map built into the app or in a list form. This heatmap will be rendered based on a popularity scoring metric. |
| 9. | Allow users to edit and delete any posts or comments they have made. |

# 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 Naved, Mohammad Haroon Khawaja, Shahrez Aezad, Shahraiz Chishty, Luqman Aadil |
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