| Requirement ID | Description | Story Points | Priority | Sprint No. (tentative) |
|---|---|---|---|---|
| 1 | User Registration: System allows users to create an account using an email and password. | 1 | 1 | 1 |
| 2 | User Login: System allows registered users to login using their credentials | 1 | 1 | 1 |
| 3 | Profile Management: Allows users to update profile information such as name, email, and password. | 5 | 2 | 2 |
| 4 | allows users to create a new trip by specifying a trip name, destination, and dates. | 2 | 1 | 1 |
| 5 | View Trip List: Allows users to view a list of all their created/planned trips | 2 | 1 | 1 |
| 6 | Delete Trip: Users are able to delete a trip from their account. | 2 | 3 | 2 |
| 7 | The system shall display a map using Google Maps API, allowing users to search for locations and landmarks. | 3 | 2 | 3 |
| 8 | Add activity to Itinerary: users can add activities to their itinerary by selecting a location and entering activity details (name, time) | 3 | 1 | 1 ==> 2 |
| 9 | view a day-by-day itinerary, showing scheduled activities | 3 | 2 | 2 ==> 1 |
| 10 | activity details in the itinerary | 5 | 3 | 3 |
| 11 | Delete Activity: System allows users to delete/cancel an activity in the itinerary | 5 | 3 | 2 |
| 12 | Expense Log: users can log expenses under a trip and categorize them | 5 | 3 | 3 |
| 13 | View Expense Summary: user can view a summary of their expenses broken down by category | 8 | 3 | 3 |
| 14 | Export Itinerary: Users can export their entire trip itinerary and expenses as PDF | 8 | 4 | 4 |
| 15 | share their trip details with others via a link or email invite | 8 | 4 | 3 |
| 16 | User Collaboration: multiple users can collaborate on a trip and edit the itinerary | 13 | 4 | 4 |
| 17 | Security: system only allows authenticated users to access and modify shared trips | 5 | 2 | 4 |
| 18 | Responsiveness: system will have smooth UI experience with little to no lagging | 13 | 2 | 2 |
| 19 | current weather for the main destination on the trip page using a basic weather API. | | 4 | 4 |
| 20 | Basic Budget Field: Add a single budget field to each trip, where users can manually input the total trip budget | 5 | 4 | 4 |

hwdha

TOPIC: Travel Planner App
Sprint 1: User Authentication & Basic Trip Management
Sprint 2: Location based services & Itinerary Management
Sprint 3: Reporting & Expense Tracking
Final Sprint: Sharing & Final Testing



- Travel Planner App
  - User Authentication
    - User Registration
    - User Login
    - Profile Management
  - Basic Trip Management
    - Trip Creation
    - View Trip List
    - Delete Trip
  - Location based services
    - Google Maps Integration
    - Add Activity / Location to Itinerary
  - Itinerary Management
    - Add Activity / Location to Itinerary
    - Edit Activity
    - Delete Activity
    - View Itinerary
  - Final Testing
    - Responsiveness
    - Security
  - Sharing
    - Share Trip
    - User Collaboration
  - Expense Tracking
    - Expense Log
    - View Expense Summary
    - Export Expenses