

| Requirement ID | Description | Story Points | Priority | Sprint No. |
|----------------|---|--------------|------------|------------|
| 1.1 | Finalize Tech Stack/Tools | 1 | 1 Critical | 1 |
| 1.2 | Agile Reference Stories | 2 | 3 Medium | 1 |
| 1.3 | Requirements Stack | 2 | 3 Medium | 1 |
| 1.4 | Architecture Documentation | 2 | 2 High | 1 |
| 1.5 | Create Figma Framework | 3 | 1 Critical | 1 |
| 1.6 | Create Questions to Build User Profile | 1 | 3 Medium | 1 |
| 2.1 | Initialize the React Mobile App | 5 | 1 Critical | 1 |
| 2.2 | Setup the Database for the User Profiles | 2 | 3 Medium | 1 |
| 3.1 | Create Landing Page of App for First-Time Users or Logged-Out Users | 3 | 2 High | 1 |
| 3.2 | Create Landing Page of App for Returning Users | 3 | 2 High | 1 |
| 3.3 | Create Login Page of App with Firebase Authentication | 5 | 3 Medium | 1 |
| 3.4 | Create Account Creation Page/Profile Setup | 5 | 2 High | 1 |
| 3.5 | Store User Profile Data into the Database | 3 | 3 Medium | 1 |
| 3.6 | Navigation Bar with Empty Pages | 5 | 4 Low | 2 |
| 4.1 | Use Tensorflow to Select the Recommendation Engine for App | 3 | 3 Medium | 2 |
| 4.2 | Find Relevant Dataset on Kaggle | 2 | 3 Medium | 2 |
| 4.3 | Build the Model Architecture | 5 | 2 High | 2 |
| 4.4 | Train the Engine Based on Necessary Datasets | 8 | 4 Low | 2 |
| 4.5 | Integrate Recommendation Engine using TensorFlow Lite | 8 | 4 Low | 2 |
| 4.6 | Test AI Recommendation Engine with New Data | 5 | 3 Medium | 3 |
| 5.1 | Tokenize User Input from Profile to Feed into Model | 5 | 3 Medium | 3 |
| 5.2 | Use AI to Generate Recommendation | 8 | 2 High | 3 |
| 6.1 | Create Recommendation Page (List of Places) | 5 | 3 Medium | 3 |

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|----------------|--|--------------|----------|------------|
| 7.1 | Make the Recommendations Page UI Aesthetic and User Friendly | 5 | 4 Low | 3 |
| 7.2 | Make the Accounts Page UI Aesthetic and User Friendly | 5 | 4 Low | 3 |
| 7.3 | Make the Front Page UI Aesthetic and User Friendly | 5 | 4 Low | 3 |
| 8.1 | Integrate the AI with the UI | 2 | 2 High | 3 |
| 9.1 | Robust Quality Assurance Testing | 1 | 2 High | 3 |
| 10.1 | Make Presentation Slide Deck | 1 | 4 Low | |
| 10.2 | Make Presentation Video | 1 | 4 Low | |