System Requirements

Enumerated Functional Requirements

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| functional requirement | Req-x | Priority weight | Requirement description |
| Req-1 | Customer login | 0.3398 | For personalized services, users need an account of their own to log in. |
| Req-2 | Accurate positioning | 0.2024 | The project is to plan the user's travel schedule in advance according to his preferences, and the positioning must be very accurate. |
| Req-3 | User preferences | 0.1975 | The competitiveness of the project lies in making predictions and providing a perfect travel experience, rather than simply following the shortest algorithm. Experience is calculated according to user preferences. |

Enumerated Nonfunctional Requirements

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| Non-functional requirements | priority | Furps+ requirement analysis |
| Multi-user simultaneous online use | 1 | To achieve the project release, there will be a lot of users to use, and the reliability requirements are the highest. |
| Reaction time not exceeding 5S | 3 | The waiting time of APP determines the user's favorite degree, and the performance requirement is the highest. |
| The system can run continuously in 7\*24 hours. | 2 | The user's use time is very irregular, and the functional requirements are the highest. |

User Interface Requirements

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| User Interface Requirements | priority | User Interface Requirements Graphics |
| Map Search Box | 1 | Users need to enter the location to enter the itinerary NW$)GTBOWRVF0}D92EXVDHS.png |
| Determine the search key | 2 | ]1]~ZB6$}GXHBQML43CE6XD.png Users set up locations and need to search |
| Preference Setting Key | 3 | UV33XI07ZW7~CZE[JA%`FQF.png Users need to click on preference settings to get personalized itineraries |