

Architecture Diagram:

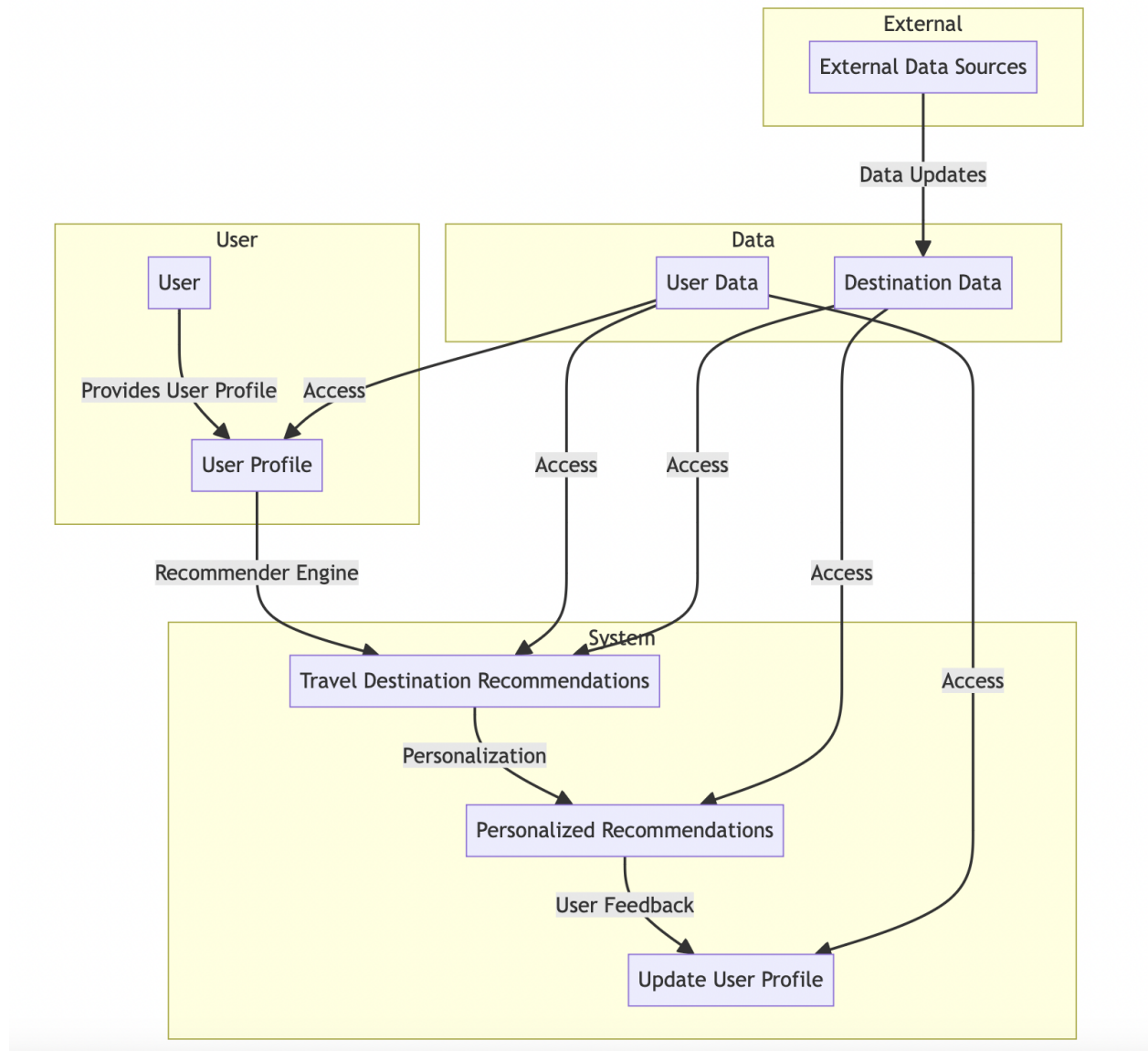


Fig 1. Architecture Diagram

This architecture shows:

1. The user who is submitting their profile information is represented by the "User" section.
2. The main elements of the recommender system, such as the user profile, the recommender engine, and tailored recommendations, are illustrated in the "System" section.
3. The system's user and destination data flow is depicted in the "Data" section, along with the methods used to retrieve user data and use it to generate suggestions.
4. External data sources that can alter destination data are represented in the "External" section.

Figures:

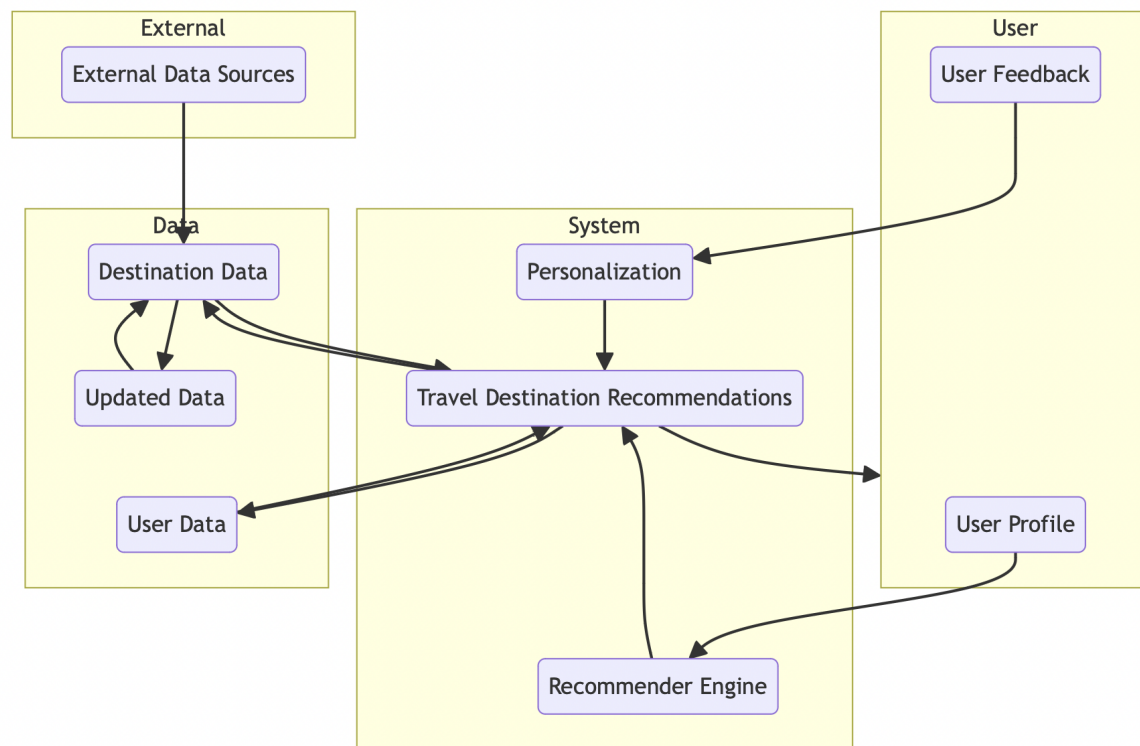


Fig 2.

1. The "User" section details how the user interacts with the system, including via offering input and creating a user profile.
2. The basic elements of the recommender system, such as the recommender engine, personalized recommendations for vacation destinations, and personalization, are included in the "System" section.
3. User data, destination data, and updated data are all represented visually in the "Data" component of the system.
4. External data sources that can modify destination data are represented in the "External" section.

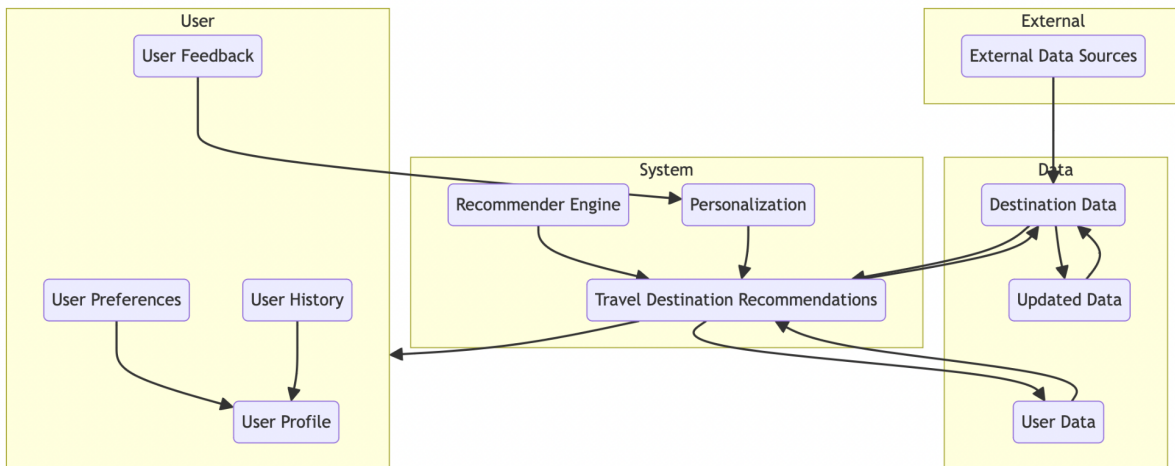


Fig 3.

1. To represent user preferences, a component called "UserPreferences" was added.
2. "UserPreferences" was incorporated into the user profiling procedure.
3. To handle and evaluate user feedback, a "FeedbackAnalysis" component was included.

4. Introduced "PersonalizedData" to stand in for the individualized advice the personalization component produces.

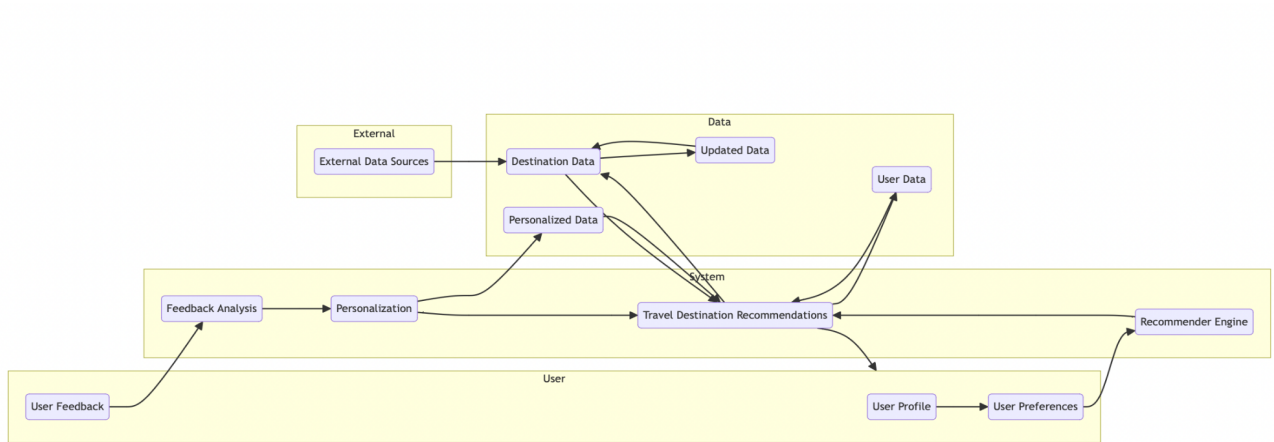


Fig 4.