**Travel Assistant:**

Our team project is going to be a travel assistant program. The plan is to make it a desktop application. The app will try to be as complete of a travel assistant as possible. The features of the project are going to be the ability to generate travel ideas, design itineraries, customizing destination ratings, a user will be able to create and share photo albums, and accessing reviews of places. It will also include a budget tracker with suggestions based on the budget, food recommendations, documentation guidelines, a calendar for trip schedules, information on local events, and a feature to plan trips with friends. The program will also show the users the areas to avoid due to high crime rates.

**WRSPM analysis of the chosen problem:**

**World Assumptions:**

- Users have internet access and devices capable of running the application.

- Users are energetic about travel and seek a planning tool.

- Users are concerned about safety.

**User Requirements:**

- Intuitive and user-friendly interface for easy navigation.

- Personalized travel planning.

- Customizable ratings.

- Private photo album creation with optional sharing.

- Budget tracking with suggestions based on financial constraints.

- Real-time information on local events.

- Collaboration features for planning trips with friends.

- Safety features providing insights into crime areas to avoid.

**Specifications and Interface Needs:**

- Cross-platform compatibility with responsive design.

- Integration with external APIs for real-time data, budget suggestions, and safety insights.

- Video and photo uploading capabilities for the photo album.

- User authentication and secure data storage.

- Integration with maps for itinerary planning and navigation.

**Program and Hardware:**

- Development using IntelliJ – JavaFX and Scene Builder.

- Hosting on a reliable cloud service such as AWS or Firebase.

- Integration with mapping APIs (Google Maps, Event Bright, YouTube, Trip Advisor).

- Use of machine learning for personalized suggestions.

**GitHub Project and Collaboration:**

A GitHub repository will be created to host the project. The WRSPM analysis will be documented and stored in the repository. All team members are added as contributors, to ensure collaborative development and documentation. The repository is linked to team members' IntelliJ for code integration and development.

**Team Meeting Schedule and Platform:**

We as a team have decided to meet Thursday evening via discord at 6PM, with a back up date on Fridays at 6PM.

A screenshot of a computer

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