Sprint 1 Report

Team Tech Ballers

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System Functionality at the End of Sprint 1

- During Sprint 1, we successfully implemented the following user stories.

1. **Create and Edit Tours:** As a developer, I would like to create or edit tours based on my client's directions so that the client's specific requests are implemented efficiently.
   - **Pre-Condition**: The client provides detailed instructions for creating or editing a tour.
   - **Post-Condition**: The requested tour is created or edited according to the client's specifications.

2. **Tutorial Feature:** As a user, I would like a short tutorial that pops up when I open the app or access a new feature.
   - **Pre-condition:** The user clicks the help button.
   - **Post-condition:** A short tutorial pops up describing how to use the app.

Now, the app offers an interactive tutorial for new users and includes fresh tours for exploration.

Changes to the User Stories

- We adjusted the **Leaderboard Points & Prizes** user story based on client feedback. After completing a different user story, this story will be partly complete. Also, the client requested an added feature to notify her when users reach certain points. Based on these reasons, it makes more sense to adjust it to focus on client notification implementation for rewarding active users.

  Below is the old user story. It has been changed into developer story number 1 which can be viewed in the updated stories list in a section below.

  - **Description:** As a user, I want to track my points on a leaderboard to see my rank and earn rewards. As the app owner, I want to receive notification when users reach specific point milestones.
  - **Pre-condition:** User has visited POIs, uploaded photos, and accumulated points.
  - **Post-condition:** Points and rank are updated, and the client is notified when a user hits a milestone.

Lessons Learned

1. **Time Management and prioritization:** This sprint taught us the importance of prioritizing and managing complex tasks early on. Even though we planned for 4 user stories, we only completed two user stories, which taught us ample time allocation for everything is necessary. Also, breaking tasks into smaller components helped us deliver sprint 1 updates.
2. **Streamlining Collaboration and Task Clarity:** Coordination across app features and development environment was essential to ensure everyone was working without any hindrances. Also team-based code analysis proved to be effective for us. By implementing our sprint planning project on GitHub gave us clarity and allocating user stories to individual made development easy.

Updated User Stories List

1. Navigating Between POIs: As a user, I would like to navigate between POIs easily so I can complete the tour without getting lost.

  • **Pre-condition**: The user is on an active tour.
  • **Post-condition:** The app directs the user to the next or previous POI.
  • **Size**: 13
  • **Priority**: High

2. Tour Types and Recommendations: As a user, I would like the app to recommend the best tour type for me (walking, biking, driving), so I can choose the most convenient option.

  • **Pre-condition**: User selects a tour.
  • **Post-condition**: Recommended tour type is displayed based on tour length and terrain.
  • **Size**: 1
  • **Priority**: Medium

3. **Read More Feature**: As a user, I would like the ability to click a link directly from a POI to the full article in the magazine, so I can read more about that historical site.

  • **Pre-Condition**: User has tapped on a POI.
  • **Post-Condition**: App links to a specific magazine article in CT Explored website.
  • **Size**: 3
  • **Priority**: Medium

4. **Instagram Linkage**: As a user, I would like to link my app account to Instagram.

  • **Pre-Condition**: User has an app account.
  • **Post-Condition**: App account is linked to the user's personal Instagram account.
  • **Size**: 8
  • **Priority**: High

5. **Instagram Integration**: As a user, I would like to post my photo to Instagram and contribute to my score on the leaderboard, so I can compete with others.

  • **Pre-Condition**: User has linked Instagram account.
  • **Post-Condition**: POI Photo posted by user on Instagram and leaderboard score updated.
  • **Size**: 13
  • **Priority**: Medium

6. **Implement Text-to-Speech for POI Descriptions**: As a user, I would like to implement text-to-speech for POI descriptions.

  • **Pre-Condition**: The app provides a list of POI with descriptions.
  • **Post-Condition**: Users can activate text-to-speech for any POI description.
  • **Size**: 13

• **Priority**: Low

Updated Developer Stories List

1. **Leaderboard Prize Notifications**: As a developer, I would like to know when users obtain a certain number of points by posting to Instagram, so that I can send them the prize of their choosing.
    - **Pre-Condition**: A user has passed the point goal by visiting POIs and uploading photos.
    - **Post-Condition**: The app notifies and provides delivery and prize information to the client.
    - **Size**: 13
    - **Priority**: Medium

2. **Configure Accessibility Settings for Easy Navigation**: As a developer, I would like to configure accessibility settings for easy navigation (e.g., larger buttons, high contrast).
    - **Pre-Condition**: The app provides guidelines or preferences for accessibility settings.
    - **Post-Condition**: The app provides accessibility settings that users can toggle.
    - **Size**: 8
    - **Priority**: Low

3. **Maintenance Plan**: As a developer, I would like to ensure that updates to Android/iOS do not break the app, also a problem fixing manual, so users always have a smooth experience.
    - **Pre-Condition**: A new OS version is released.
    - **Post-Condition**: The app functions properly on all supported OS versions.
    - **Size**: 8
    - **Priority**: Medium

Next Sprint Planning

- For Sprint 2, we plan to implement about 24 story points. We will be working on these user stories.

1. **Link App Account to Instagram**: As a user, I would like to link my app account to Instagram.
• **Pre-Condition:** User has an app account.
• **Post-Condition:** App account is linked to the user's Instagram account.
• **Size:** 8
• **Priority:** High

2. **Navigation Between POIs**: As a user, I would like to navigate between POIs easily so I can complete the tour without getting lost.
• **Pre-condition:** The user is on an active tour.
• **Post-condition:** The app directs the user to the next or previous POI.
• **Size**: 13
• **Priority:** High

3. **Read More Feature (Update):** As a user, I would like the ability to click a link directly from a POI to the full article in the magazine, so I can read more about that historical site.
• **Pre-Condition:** User has tapped on a POI.
• **Post-Condition:** App links to a specific magazine article in CT Explored website.
• **Size:** 3
• **Priority**: Medium

At the end of Sprint 2, the app will offer enhanced navigation with added buttons, direct access to detailed articles and users will be able to connect their Instagram accounts to the app.