Sprint 3 Report

Team Tech Ballers

[redacted]
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System Functionality at the End of Sprint 3

- During Sprint 3, we focused on implementing key user stories that enhanced both the app's content and its functionality. We successfully implemented the following user stories:

1. Redesigned Tours and Content Updates: Based on client feedback, we refined tours by updating images for better relevance and removed outdated demo tours.
- **Pre-condition:** The client provided updated images and identified content to be removed.
- **Post-condition:** The app displays the most accurate and visually appealing images for each POI, and demo tours no longer needed are removed.

2. 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.

3. **Instagram Linkage:** As a user, I want to press the Instagram button and be redirected to the Instagram login page.
- **Pre-condition:** The user has tapped the Instagram button.
- **Post-condition:** The app redirects the user to Instagram's login page.

These updates enhance the app by improving accessibility with text-to-speech functionality, enhancing user engagement with Instagram integration, and refining the overall user experience with better visuals and relevant tour content.

Changes to the User Stories

- We did not have any changes to user stories. However, for the user story - **Leaderboard Prize Notifications**, we decided to change how we implement it. Our original idea was to have a function that keeps track of the points and automatically emails the client to know when to send out the prize. Our new approach is to link to a form on the CTExplored website. This allows for better organization and the user is able to provide crucial information, such as shipping information and select what prize they would like.

Lessons Learned

Teamwork: Many issues appeared during this sprint while working on an important feature. Having multiple members working on the feature, while also working out the problems, led not only to success in the implementation, but more was also done.

What We Would Do Differently Next Time

- While we were able to get much done this sprint, we had to put a large chuck of our team's focus on one very important story that had been giving us trouble for far too long. Our group got lucky for this sprint, but

we for the future, we need to tackle these important issues earlier and more aggressively to ensure that we do not hold back any future implementations.

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

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 4, we plan to implement about 34 story points. The focus will be to get the following, more important stories complete, and to try and complete any leftover, lowest priority stories if there is time. We will be working on these user stories:

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. **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 choice.
- **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

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**: 13
- **Priority**: Medium

At the end of Sprint 4, the user will be able to navigate between POIs easily, the leaderboard will be updated with the user able to select prizes when certain points are reached and notify the client to send out the prizes.