



Tourium: Sprint 3

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Overview

- Guided tours
 - Benefits: education
 - Difficulties: accessibility by offline mobile devices, ease of creation, cost.
- Aim: give the audience the ability to create location-based guided tours around publicly accessible properties.
- Intended Audience: public land managers, public service volunteers, community members, and visitors.



Sprint Goal

- Make and Take tours
- Edit tours
- Make locations
- Integrate difference between official and unofficial tours

Major Sprint Achievements



1. Improved UI
2. Taking and Editing Tour Points
3. Making and Editing Locations
4. Favoriting Tours
5. Explore Mode for Locations
6. Moderator Application

Project Backlog and Sprint Backlog

Abort Tour while in Progress
In Medias Reas Tour Commencement
Visitor Upload Images
Visitor Comments
Moderate Comments/Images
Report Trail Issue
Report App Issue
Brief tutorial at beginning of app
Scavenger Hunt
Download Offline Map
Hashtag Integration

Verify Manager
Record Route in Person
Able to manage a tour from a website interface
QR Code to Access Trails
Manager Use Statistics Reports

Lessons Learned

- Getting a device's location is difficult
- Updating views to Recycler Views

Not Completed

- Implementing tour features (comments, audio)
- Offline mode
- Management Website

Test Cases

```
@Test
public void deleteWarningShows() {
    FirebaseAuth.getInstance().signOut();
    FirebaseAuth.getInstance().signInWithEmailAndPassword( s: "ToureumTest@gmail.com", s1: "Password");
    SystemClock.sleep( ms: 1000);
    Intent intent = new Intent();
    intent.putExtra( name: "name", value: "Bob");
    intent.putExtra( name: "email", value: "email");
    intent.putExtra( name: "userId",FirebaseAuth.getInstance().getUid());
    mActivityTestRule.launchActivity(intent);
    Espresso.onView(withText("Delete My Account")).perform(ViewActions.click());
    Espresso.onView(withText("Woah!")).check(matches(isDisplayed()));
    Espresso.onView(withText("NO")).perform(ViewActions.click());
}

@Test
public void nullUserTest() {
    FirebaseAuth.getInstance().signOut();
    Intent intent = new Intent();
    mActivityTestRule.launchActivity(intent);
    SystemClock.sleep( ms: 300);
    Espresso.onView(withText("Forgot Password?")).check(matches(isDisplayed()));
}

@Test
public void testName() {
    String name = "This is a name";
    testingPointOfInterest.setName(name);
    assertEquals(testingPointOfInterest.getName(),name);
}
```