ParkHere Sprint 1 Document

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Team Name: LazeeBear
Team 11b

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Preface

This document summarizes the daily Scrums taken to complete the first Sprint for delivering the ParkHere system.

Daily Scrums

1. Fri Nov 11 2016 2:16 pm - 2:23 pm @ SAL lobby

Robert

1. Yesterday, wrote white box tests and made server fixes.
2. Today, will try to figure out the server's 403 error.
3. Would like more immediate communication about server bugs, especially accompanied by console output or a short description.

Ryo

1. Yesterday, connected the front end to the server connectors.
2. Today will try to set up E3 storage.
3. It would help if Robert documented how to start the server (will be instructions on starting from UNIX not Windows)

Franklin

1. Yesterday, fixed front end typos and bugs and helped to set up the server.
2. Today, noticed that after the payment page should be a confirmation page and then the account page. Will check if the program gets an authentication token if payment goes through.
3. Understanding code for server and server connectors is slow, will get help from others who are better versed in it.

Sally

1. Yesterday, ran the test cases and finished writing up the documentation for hw 4.
2. Today fix and try to connect the front-end's profile picture and take photo portions with the server connectors.
3. The server connector asks for the wrong variable (Base64 instead of String or byte[]), will change that to match.

2. Sat Nov 12 2016 4:13 pm - 4:30 pm via Skype

Robert
1. Yesterday, backend logic, modified user handler.
2. Today, help with photos on the server end.
3. ServerConnector issue when creating a spot. It's passing a boolean instead of an integer. Needs the address for the connection.

Ryo
1. Yesterday, found out E3 storage was already written.
2. Today, work on history of spot (adding spot ids).
3. Ryo and Sally still having issues when signing in.

Franklin
1. Yesterday, found an issue with using Braintree in our page flow.
2. Today, continue with working on payment pages.
3. Needed clarification on how the ServerConnector and Server dealt with Braintree's request.

Sally
1. Yesterday, re-added photos to Signup page and added ability to see a thumbnail of the uploaded photo.
2. Today, add profile picture to Account page.
3. Server can't handle photos yet (but it's not really an impediment).

3. Sun Nov 13, 2016 5:15 pm - 5:27 pm @ LVL 202E

Robert
1. Yesterday, looked at code for profile pictures and reenabled everything on the server.
2. Today. Need to write connector and handler for sending verification photo.
3. As long as it's specified as PARKHEREAPP without permissions it should work.

Ryo
1. Yesterday, wrote the handler and server connector for handling cancellations. Also on server connector for spot history (since previous one only returned owned spots).
2. Today, work on server connector for spot history, to be able to view spot reservation.
3. Want ID, address. Don't need recurring spots. Still would like to know how to connect the server.

Franklin
1. Yesterday, finished create and implement payment pages, but didn't push because can't test it.
2. Today, will work more on understanding photo storage for debugging.
3. Don't know how to turn on the server, can't test it yet.

Sally
1. Yesterday, figured out how to add picture to the emulator to be able to test adding a profile picture from the Gallery.
2. Today, will work on changing the profile picture on Account page (as much as possibly without Server).
3. Can't test profile picture on account without the server portion being complete.

4. Mon Nov 14, 2016 11:45 am - 11:50 am @ SOS B2

Robert
1. Yesterday, fixed SQL bugs. Looked at Ryo's code.
2. Today, verification.
3. None

Ryo
1. Could connect to server.
2. Finish what was said yesterday.
3. None

Franklin
1. Could turn on server, tried to fix the SDK for camera.
2. Try to fix android studio plugin and SDK.
3. Emulator SDK problems.

Sally
1. Yesterday, fixed profile picture permissions.
2. Add upload from gallery to user verification photo.
3. Server issues.

5. Tue Nov 15, 2016 7:15 pm - 7:32 pm via Slack

Robert
1. I updated the server connector and handlers to modify profile pictures and send verification photos and check for verification
2. I'm going to write back end tests for them
3. No impediments

Ryo
1. Finished writing code for spot history and current reservations.
2. Test on test client. Help Sally and Franklin with image
3. Can't test on actual client because I can't log in

Franklin
1. Fix up SDK problems and test the photo upload on Sign up page, but it threw out a NullPointerException, but I haven't tested the latest version yet;
2. I'll test it later tonight
3. Not so much except I need to spend time for tomorrow's midterm and other 2 projects...

Sally
1. Added option to upload verification photo from gallery. Added profile picture and change profile picture options to Account.
2. I'd like to test these, and send the changed profile picture back to the server.
3. Server tends to timeout on sign-up requests. Also, not sure if the server can handle this.

6. Wed Nov 16, 2017 11:05 pm - 11:23 @ JFF courtyard

Robert
1. Debugged s3 storage, generated correct policy

2. Working on handling base64 image string passed by server
3. Might be dependent on string sent by client

Ryo
1. Tried debugging s3 storage with everyone
2. See if there is anything we missed in the requirements and complete.
3. Still can't log in

Franklin
1. Helping debugging s3 storage problem
2. Understanding base64 image string coding and debugging
3. Need time to understand bitmap and base64

Sally
1. Let profile pic and verification pic be sent back to the server from sign up. Finished implementing change profile pic on account page.
2. Test sign up and change profile pic.
3. Might need to wait until server is debugged.

7. Friday Nov 18, 2017 10:12 pm @ SAL 126

Robert
1. Fixed the base64 handling in the server along with a lot of bugs in the server
2. Begin work on Sprint 2 backlog, starting with search by date and time
3. none.

Ryo
1. Fixed bugs in the front end, wrote code for missing requirements, began working on sprint 2
2. Begin working on sprint 2 backlog
3. none.

Franklin
1. Helping running the emulator and checking the pictures
2. Begin work on Sprint 2 backlog
3. none

Sally
1. Fixed profile picture Base64 encoding and decoding problems. Implemented profile pictures on sign up and account pages.
2. Begin work on Sprint 2 backlog
3. none

Sprint Review. Fri Nov 18, 2016 10:13 - 10:17 @ SAL 126
1. Completed:
    a. Profile pictures and verification photos: can be taken or uploaded during sign up and retrieved when viewing the account page
    b. Spot photos: can be uploaded when creating a spot and viewed when viewing the spot's details
    c. Implemented cancel bookings and see rental period
    d. Implemented view reservations and history of rented out spots

2. Planned but didn't complete
   a. none
3. What went well?
   a. The near-daily meetings helped us understand where everyone's progress was
   b. The meetings helped us in terms of working together to code, rather than simply relying on each individual member to completely finish a part by themselves
4. What could be improved?
   a. Improving communication outside of meetings
   b. Plan meetings earlier so that we can reserve spots in the library ahead of time.