Project Sprint Planning Notes
Team: WED:6.30PM:05

Sprint: 3
Date: 17/10/2020

Attended:
Scrum Master: Neil Kennedy
Product Owner: Ujj Batra
Development team: Moditha Sulakskshana
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　　　　　　　　 Michael Anning

# 1. Things That Went Well

- Retrieving bookings within a certain timeframe was able to be implemented.

- Meetings were helpful in pinpointing where we should focus our efforts, as well as receiving advice on overcoming roadblocks faced.

- React Date and Time Components saved alot of time implementing it's functions

- Alot of component and API code was able to be reused.

# 2. Things That Could Have Gone Better

- There were issues involving testing JSON data, specifically testing for array data.

- Booked timeslot retrieval & retrieving bookings each had there share of issues.

- Could have handle date in POSIX instead of UTC, reducing code.

# 3. Things That Surprised Us

- Changing into the wrong UTC format, broke the system and we weren't able to give a demo to the product owner, later identified and fixed.

- Some React Date Components 0 indexed the months while others didn't. Made UTC conversion more needlessly complicated.

- Couldn't get an employee schedule table to work, so had to settle with a calendar.

## 4. Lessons Learned

- Searching for solutions to general programming issues (such as inspecting JSON Array data in Spring testing) is often inefficient. It's instead much smarter to note what classes you're working with (ie. JSONObject class) and search up how they can achieve what you want.

- If timezones are a concern, try and use the POSIX time format

- Using hooks could have saved all class component by 50%, If I knew about writing API's for it.

- Always test if React Date components return dates in the correct format that we require.

## 5. Final Thoughts

*Things to Keep*

- Current booking/timeslot retrieval system now works as expected.

- Setting Java's local timezone to UTC+ 10 (makes UTC conversions easier).

*Things to Change*

- Refactor JSON input for bookings, so instead of passing in an array of user IDs, one employee_id is passed in instead.