

Sprint 1 Plan

ArBit | Twelve Articles | Oct 25th | 1.0 | Oct 11th

- **Goals:**

- To become familiar with React Native Mobile development environment
- Integrate React Native with Firebase

- **Task listing, organized by user story:**

- **User story 1:** *As a user, I want to be able to open the app and create an event.*
 - Task 1: Create Welcome Screen with 2 buttons (create event, join event) (2 hrs)
 - Task 2: Let user create event, via “create event” button and inputting event name (6 hrs)
 - Task 3: Prompt user for their name (4 hrs)
- **User story 2:** *As a user, I want to be able to join an event*
 - Task 1: Let user join existing event by selecting “join event” button and select event from the list (8 hrs)
 - Task 2: Prompt user for their name and save it in firebase database (4 hrs)
- **User story 3:** *As a user, I want to be able to input decision of my choice.*
 - Task 1: Basic UI for event page - a “plus” + button to add user option (3 hrs)
 - Task 2: Write user options to the database(firebase) (6 hrs)
 - Task 3: Display all options, for that specific event, from the database (5 hrs)
- **Infrastructures / Spikes:**
 - Task 1: Figure out how to add extra value fields to existing database value
 - Task 2: Learning how to structure a NoSql database
 - Task 3: Set up react native and simulator
 - Task 4: Learn how to do user input in react native
 - Task 5: Learn how to navigate pages within app with react native
 - Task 6: Learn how to create new text field for user

Team roles:

Jason : Product Owner { Developer }
Alan : Scrum Master { Developer }
Veronika : Developer
Yasin : Developer
Mark : Developer

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Initial task assignment: A listing of each team member, with their first user story and task assignment.

Jason : user story 2, Let user join existing event by selecting "join event" button and select event from the list (8 hrs)

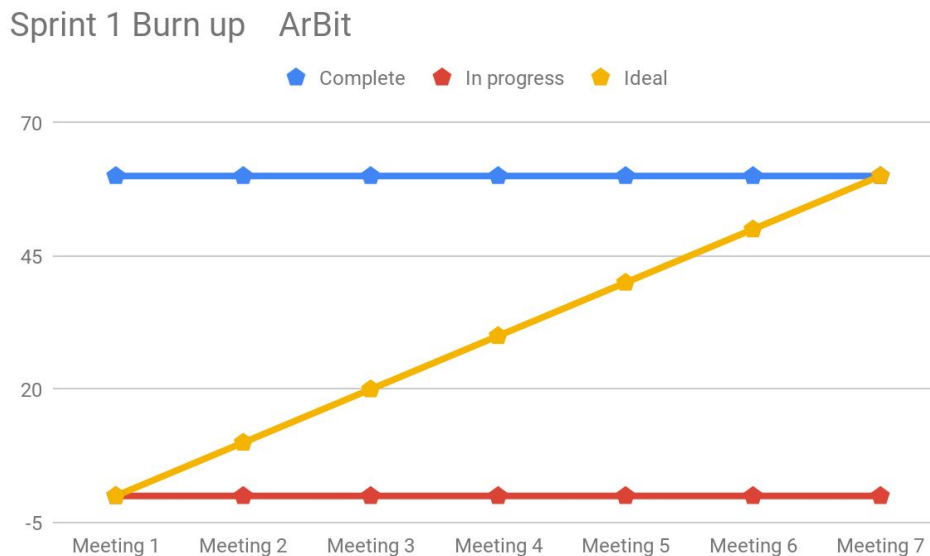
Alan : user story 1, Let user create event, via "create event" button and inputting event name (6 hrs)

Veronika : user story 1, Create Welcome Screen with 2 buttons (create event, join event) (2 hrs)

Yasin : user story 1, Prompt the user for their name (4 hrs)

Mark : user story 2, Prompt the user for their name and save it in firebase database (4 hrs)

Initial burnup chart:



Initial scrum board:

<https://trello.com/b/pqOBGoOk/sprint-1-board>

Scrum times: List at least the three days and times during the week when your team will meet and conduct Scrum meetings. Also, indicate which of these meetings will have the TA/tutor visit as arranged with the TA/tutor. It is expected the TA/tutor will visit during the Scrum meeting during your lab time.

Tuesday : 1 pm

Thursday : 11 am

Friday : 5 pm (we may move it to earlier)