Sprint 3 Plan

PoliTrack

PoliDev

Nov 11 2018

Revision 1 (11/5/18)

Goal: Add more safety feature to the app as well as more user preference options

User Story 1:
As a user, I'd like to be able to choose time preferences of the sightings, so the irrelevant ones won't show up in my app. (6)
- Task 1: Create a drop down menu for selecting time preference (2hr)
- Task 2: Tag each report with a timestamp (2hr)
- Task 3: Link each user's time preference to database (3hr)
- Task 4: Filter out the outdated reports based on each user's time preference (2hr)

Total hours for user story 1: 9 hours

User Story 2:
As a user, I'd like to be able to use gesture like shaking to report, so I don't have to text and drive. (5)
- Task 1: Implement function to detect shaking (2hr)
- Task 2: Automatically file a report when shaking detected (2hr)
- Task 3: Allow user to toggle shaking feature (1hr)

Total hours for user story 2: 5 hours

User Story 3:
 As a user, I'd like to be notified via text-to-speech notification, so I can focus on the road (5)
- Task 1: Implement text-to-speech feature (3 hrs)
- Task 2: Integrate text-to-speech to notification (2 hr)
- Task 3: Allow user to toggle text-to-speech notification (1hr)

Total hours for user story 4: 6 hours

User Story 4: As a user, I'd like to be able to verify the notification, so other people know the report is true. (3)
- Implement verify action button (2hr)
- Link verification count to database (2hr)
- Show verification count on each report (1hr)

Total hours for user story 4: 5 hours

Team roles:
Jihwan Seo: Product Owner
Yu-shuo Li: Member
Joshua Silverman: Member
Hansol Kim: Member
Kuan-Ying Wang: Scrum Master
Chewei Wu: Member

Initial task assignment:
Jihwan Seo: Link each user's time preference to database
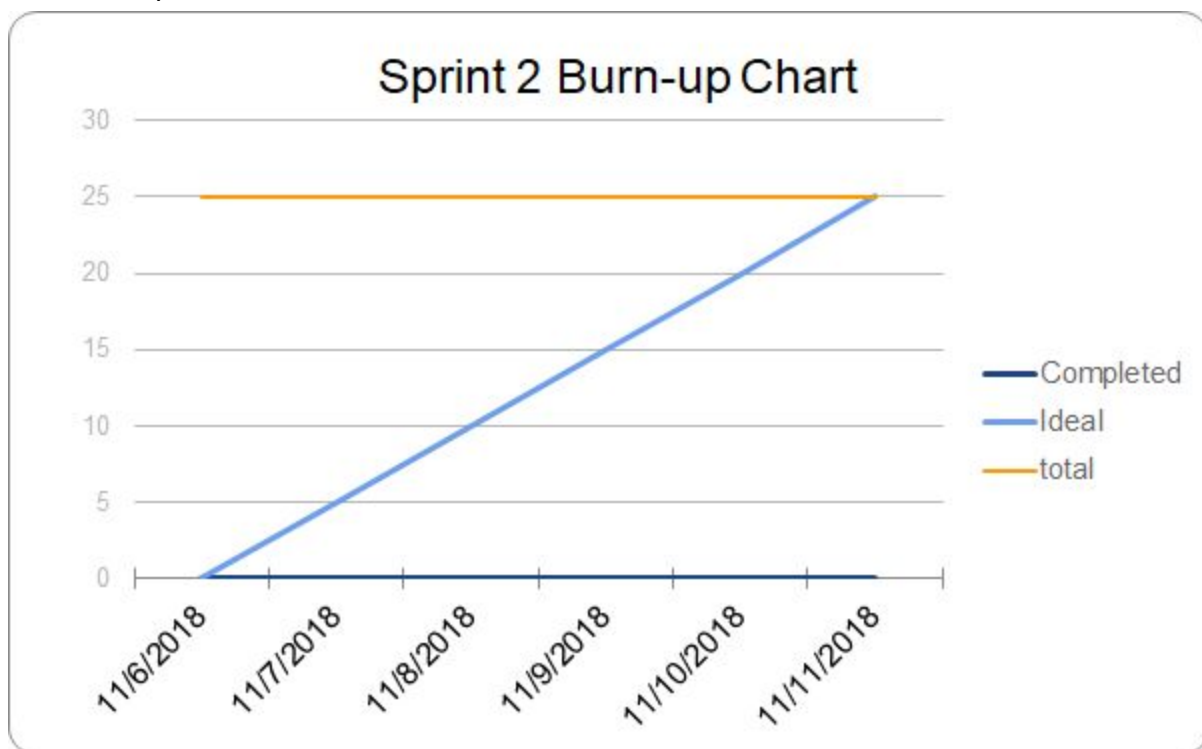Yu-shuo Li: Tag each report with a timestamp
Joshua Silverman: Implement function to detect shaking
Hansol Kim: Implement verify action button
Kuan-Ying Wang: Implement text-to-speech feature
Chewei Wu: Create a drop down menu for selecting time preference

Initial burnup chart:

Initial scrum board:

Sprint 3 Scrum Board ☆ | Politrak Free | ⚐ Team Visible | K H JW JS J ⑥ ⚑

User Story

- As a user, I'd like to be able to choose time preferences of the sightings, so the irrelevant ones won't show up in my app. (6)
- As a user, I'd like to be able to use gesture like shaking to report, so I don't have to text and drive. (5)
- As a user, I'd like to be notified by voice notification so I can keep my eyes on the road. (5)
- As a user, I'd like to be able to verify the notification, so other people know the report is true. (3)

+ Add another card

Task not started

- Create a drop down menu for selecting time preference (2hr)
- Tag each report with a timestamp (2hr)
- Link each user's time preference to database (3hr)
- Filter out the outdated reports based on each user's time preference (2hr)
- Implement function to detect shaking (2hr)
- Automatically file a report when shaking detected (2hr)
- Allow user to toggle shaking feature (1hr)
- Implement text-to-speech feature (3 hrs)
- Integrate text-to-speech to notification (2 hr)
- Allow user to toggle text-to-speech notification (1hr)
- Show verification count on each report (1hr)

Task in progress

- Update and pull data from firebase to save previous reports.
- Link verification count to database (2hr)

+ Add another card

Task done

+ Add a card

Scrum times:
Mon After class
Thursday 4:00 pm (TA visit)
Friday After class