

## Sprint 2 Plan - Travelog

10/23-11/5

Revision 1, 10/29

Revision 2, 11/1

### Goal:

Complete login and signup, interactive map set up (drop/delete pins, location search), journal entry functionality (Create, Read, Update, Delete), and statistic tracking (no. of continents, countries, cities visited)

### User Stories:

From Sprint 1

- **{high}** As a **traveler**, I want to be able to create an account and personal profile to save my trip information, as well as update my profile picture, password, and name. **[13]**
- **{high}** As a **traveler**, I want the ability to navigate around an intuitive, interactive world map that allows me to drop pins to highlight any place or landmark of interest. **[21]**
- **{high}** As a **traveler**, I want to write descriptive thoughts or captions about the location, such as travel experiences, favorite moments, and reflections, so that I can memorize my travel history. **[8]**

From Sprint 2

- **{high}** As a **traveler**, I want to upload pictures and videos that I took during my trips to visually document my experiences. **[8]**
- **{high}** As a **frequent traveler**, I want to have access to statistics that track the total distance traveled, how many countries; cities, or continents I've visited to make traveling more fun and interactive. **[3]**
- **{medium}** As a **trip planner**, I want to better easily plan my trips, creating a list of places and favorites I want to tour and having the ability to easily see how much progress I have made in my list during the trip automatically so that I can gain a feeling of checking off my bucket list and inspire planning for future trips. **[8]**
- **{medium}** As a **traveler**, I want to search for a location and be automatically directed to it on the map, so that I can quickly access and pin it to my travel log. **[5]**

### Task Listing, Organized by User Story:

1. **{high}** As a **traveler**, I want to be able to create an account and personal profile to save my trip information, as well as update my profile picture, password, and name. **[13]**

#### Login

- JWT Verification - add filter to API Gateway  
Estimated time: 1.5 hours

#### Sign up

- Frontend: sign up page (UI)  
Estimated time: 1 hour
- Backend: function for sign up  
Estimated time: 1 hours

- Connect frontend & backend: call API func create a new entry in db base on user input  
Estimated time: 1 hour

### Profile Page

- Get current user profile from db  
Estimated time: 1 hour
- Update name & bio & save to db  
Estimated time: 1 hour
- Update password & save to db  
Estimated time: 1 hour
- Update profile pictures & save to s3 bucket  
Estimated time: 2 hours

Total estimated hours: 9.5 hours

2. {high} As a **traveler**, I want the ability to navigate around an intuitive, interactive world map that allows me to drop pins to highlight any place or landmark of interest. [21]

- Drop pins on map & save to db  
Estimated time: 2 hours
- Delete pins on map & delete from db  
Estimated time: 1 hour

Total estimated hours: 3 hours

3. {high} As a **traveler**, I want to write descriptive thoughts or captions about the location, such as travel experiences, favorite moments, and reflections, so that I can memorize my travel history. [8]

- Frontend: form to add/edit/display journal  
Estimated time: 2 hours
- Create new text journal to pins  
Estimated time: 2 hours
- See all saved pins & read previous text journals  
Estimated time: 2 hours
- Update text journal  
Estimated time: 1.5 hours
- Delete text journal  
Estimated time: 1.5 hours

Total estimated hours: 9 hours

4. {high} As a **traveler**, I want to upload pictures and videos that I took during my trips to visually document my experiences. [8]

- Upload photo to journal  
Estimated time: 1.5 hours
- S3 bucket set up  
Estimated time: 1.5 hours

Total estimated hours: 3 hours

5. {high} As a **frequent traveler**, I want to have access to statistics that track the total distance traveled, how many countries; cities, or continents I've visited to make traveling more fun and interactive. [3]

- Map the location with associated continents, countries and cities  
Estimated time: 1.5 hours
- Calculate the total number of continents, countries, and cities user visited  
Estimated time: 1.5 hours

Total estimated hours: 3 hours

6. {medium} As a **trip planner**, I want to better easily plan my trips, creating a list of places and favorites I want to tour and having the ability to easily see how much progress I have made in my list during the trip automatically so that I can gain a feeling of checking off my bucket list and inspire planning for future trips. [8]

- Frontend: "Saved" page  
Estimated time: 1.5 hours
- Show journals by categories  
Estimated time: 1.5 hours

Total estimated hours: 3 hours

7. {medium} As a **traveler**, I want to search for a location and be automatically directed to it on the map, so that I can quickly access and pin it to my travel log. [5]

- Search functionality on map (from mapbox API)  
Estimated time: 1 hour

Total estimated hours: 1 hour

8. Other/Enhancements

Deploy Production Build on AWS (1 person)

- Automated frontend build script with pm2  
Estimated time: 0.75 hour
- Factor backend API development/production calls  
Estimated time: 1 hour
- Deploy web app on AWS  
Estimated time: 0.25 hour

Total estimated hours: 2 hours

Set Up Testing Infrastructure (2-3 people)

- Set up frontend testing infrastructure  
Estimated time: 2 hours
- Set up backend testing infrastructure  
Estimated time: 2 hours

Total estimated hours: 4 hours

Add Login Context API (to prevent non-updating frontend UI bug)

Total estimated hours: 0.5 hours

Set up “Done” Criteria

Total estimated hours: 0.5 hours

Coding Standard (2-3 people)

- Lint
  - Backend (Java) lint
  - Backend lint script  
Estimated time: 1 hour
  - Frontend lint
  - Frontend lint script  
Estimated time: 1 hour
- CI for lint and test  
Estimated time: 1 hour
- Documentation
  - Service/repo/entity pattern
  - Lint
  - Live reload for microservices
  - Login context  
Estimated time: 2 hours

Total estimated hours: 5 hours

## Team roles

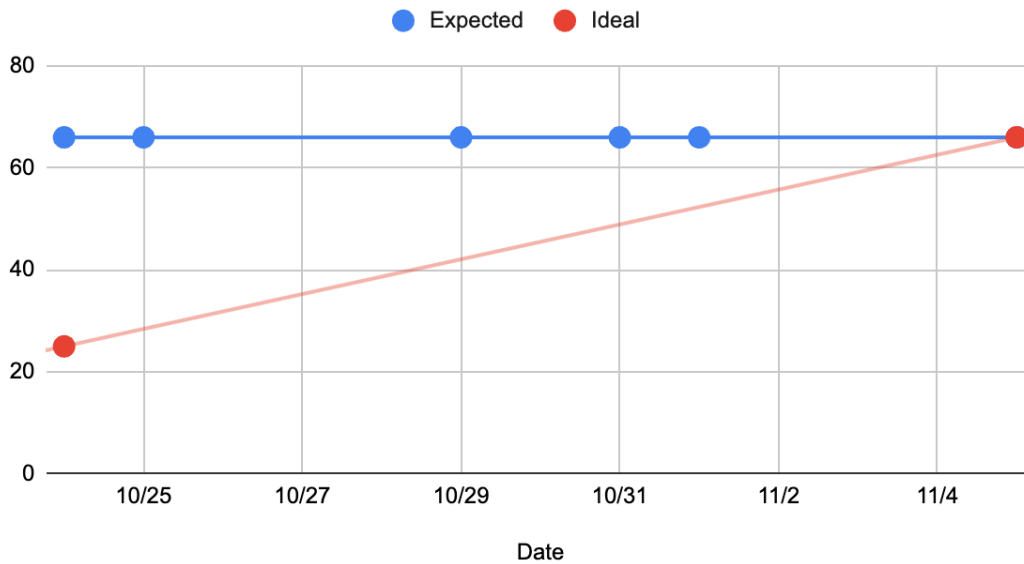
- Brian: developer, product owner
- Cherry: developer, scrum master
- Emily: developer
- Felicity: developer
- Timothy: developer

## Initial Task Assignment

- Brian:
  - User story 1: Profile page - get current user profile
- Cherry
  - User story 3: Journal - create new text journal
- Emily:
  - User story 1: Login - JWT Verification
- Felicity:
  - User story 1: Sign up - backend function to sign up
- Timothy:
  - User story 2: Map - drop pins to map

## Initial Burnup Chart

### Sprint 2 Initial Burnup Chart



### Scrum Board:

<https://115a-travelog.atlassian.net/jira/software/projects/TRAV/boards/1?sprints=2>

### Scrum Times:

- Tuesdays, 2-2:15pm
- Thursdays, 1:45-3:15pm (TA meeting + Scrum)
- Fridays, 1:15-1:30pm

### “Done” Criteria

- Push to main branch
- Manual test in localhost - working properly
- All container in docker should not exit

**Extensions** to the sprint timeline may be requested, pending team discussion and agreement.