

Spotify Open Recommendation Engine

Sprint Plan | Team Spotify Squad

Sprint 2 | 20 October 2021 ~ 2 November 2021

Goal:

- The goal of this sprint is to get familiar with Spotify's song recommendation parameters, decide what we want to control, and implement an interface to adjust the chosen inputs to our recommendation service.

Task Listing:

- As a user, I want to visualize a track's sonic characteristics so I can adjust the parameters for playlist generation.
 - **Deliverable:** [FE] Song info layout
 - **Deliverable:** [BE] Search for a song
 - **Deliverable:** [BE] Endpoint for retrieving song metadata
 - **Story points:** 7
- As a user, I want to have a detailed interface for requesting recommendations so I can receive more accurate results.
 - **Deliverable:** [FE] Recommendations page layout
 - **Deliverable:** [FE] Connect recommendation frontend to backend
 - **Deliverable:** [BE] Endpoint for retrieving recommendations from user input
 - **Story points:** 7
- As a user, I want to generate a playlist with my recommended tracks so I can conveniently access them within my Spotify library.
 - **Deliverable:** [BE] endpoint for playlist creation
 - **Story points:** 5
- As a developer, I want to securely store backend information (tokens, keys) in logical places so we do not publicly commit private information.
 - **Deliverable:** [BE] Store user session data
 - **Deliverable:** [BE] Create (ignored) secret file for API keys
 - **Story points:** 3

Team Roles:

- **Bert:** Developer, Backend
- **Claudia:** Developer, Frontend
- **David:** Developer, Frontend; Scrum Master
- **Keely:** Developer, Backend
- **Kelly:** Developer, Backend; Product Owner
- **Ruoqing:** Developer, Backend

Initial Task Assignment:

- **Bert:** [BE] Store user session data
- **Claudia:** [FE] Recommendations page layout
- **David:** [FE] Recommendations page layout
- **Keely:** [BE] Endpoint for playlist creation
- **Kelly:** [BE] Create (ignored) secret file for API keys
- **Ruoqing:** [BE] Endpoint for retrieving song metadata

Initial Burnup Chart:

- (internal spreadsheet)

Initial Scrum Board:

- (internal Trello link)

Scrum/Meeting Times:

- Tuesday @ 12:30 — Scrum
- Wednesday @ 4:00 — meeting with Vidya (TA)
- Thursday @ 11:30 — Scrum
- Sunday @ 12:00 — Scrum