

Planning Documents

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Project Overview

Project Name: Album Atlas

Team Members: Naufil Ansari [Project Manager]
Jin Sutharman [Technical Manager]
Abdullah Abdullah [Front-End Lead]
Thomas Petkovic [Back-End Lead]
Izaan Syed [Software Quality Lead]

Summary: Album Atlas aims to provide a structured and stable application for the purpose of being able to view, edit, add, and delete albums. When viewing an album, users should be able to view title, ID, and details of the track. The goal is to create an organizational system to better organize music albums according to the user's personal preferences.

Team Agreements and Elicitation Documentation

Team Agreements: Various coding standards and resources were agreed upon, such as the usage of Python, GitHub, Trello, etc. The team also agreed upon holding in-person meetings once a week, as well as virtual meetings and support as needed.

Elicitation Documentation: Some methods used by the team for proper elicitation of requirements included extensive domain research, as well as an in-depth interview with the customer about their expectations and requirements for the project. It was found that basic functionality for the project included the ability to add, edit, view, and delete albums in the catalog. Furthermore, users should be able to search and filter their results. Finally, users should be able to create an account and login/logout. There were a number of optional features too, but these are the key features that the customer emphasized.

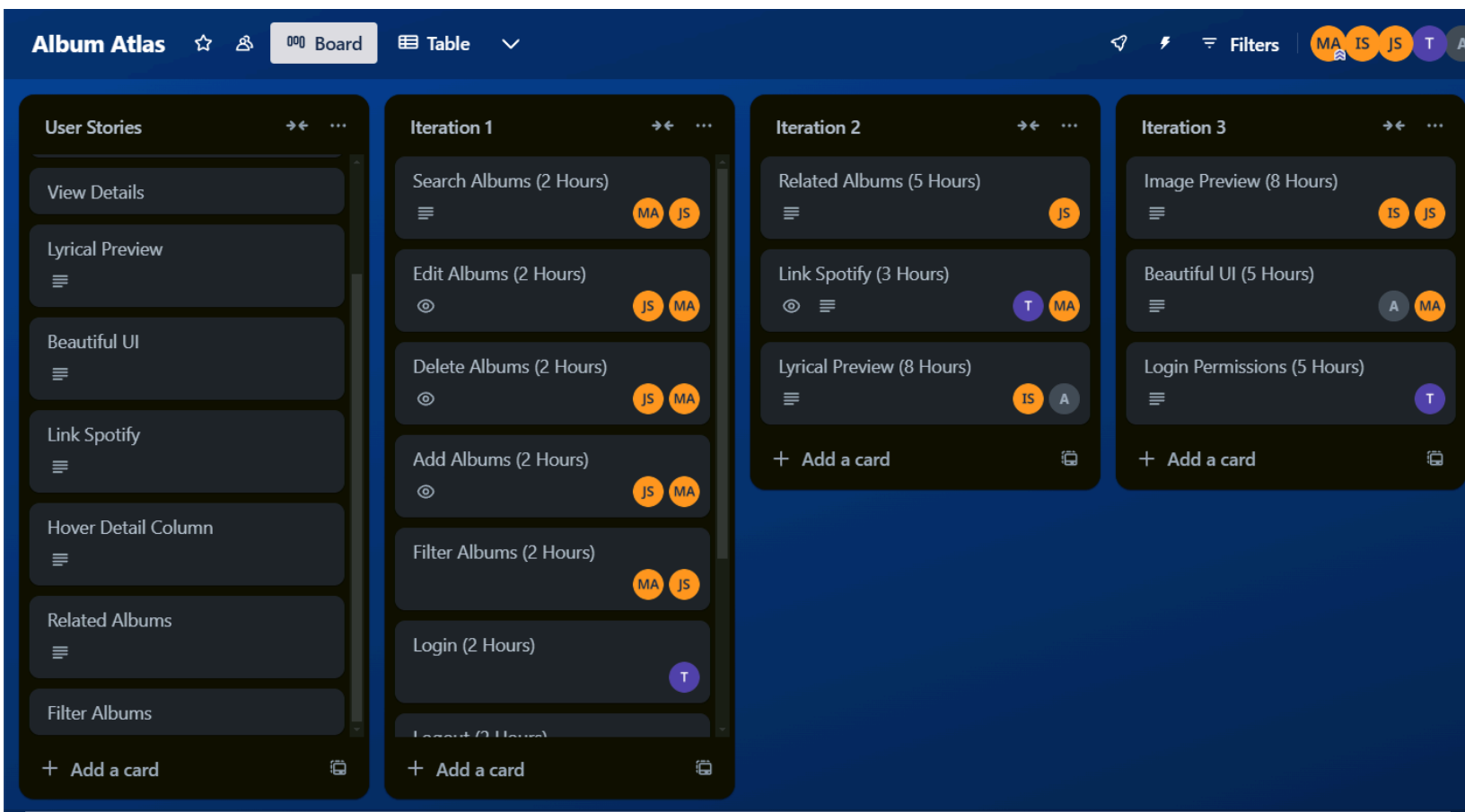
User Stories & Prioritization

User Story	Priority	Estimated Effort	Dependencies
As a user, I want to search albums so I can find my favourite albums	Must have	2 Hours	N/A
As a user, I want to Update albums so I can update my albums	Must have	2 Hours	N/A
As a user, I want to Delete albums so I can delete my albums	Must have	2 Hours	N/A
As a user, I want to Add albums so I can add my albums	Must have	2 Hours	N/A
As a user, I want to filter albums so I can find albums according to genre or release date	Must have	2 Hours	N/A
As a user, I want to log in so i can get into a secure account	Must have	2 Hours	N/A
As a user, I want to log out of an account so I can protect my account and preferences	Must have	2 Hours	Log in
As a user, I want to view the details of an album, such as the genre, title, and release date so I can learn more about my favourite albums.	Must have	3 Hours	N/A
As a user, I want a lyrical preview of each song in the album so i can see the song I'm listening to	Should have	8 Hours	Album Catalog
As a user, I want to be able to see a picture of the album so I can quickly check the album	Should have	8 Hours	Album Catalog

As a user, I want a beautiful user interface that stands out so the interface is easy to use for anyone	Should have	8 Hours	N/A
As a user, I want a different column to have more detail about the album, so that it displays when I hover over it So i can quickly see a full description of the song	Should have	3 Hour	Album Catalog
As a user, I want to be able to link Spotify to the album details so I can easily stream the song I found.	Nice to have	3 Hours	Album Catalog
As a user, I want to be able to see related albums to the one I am browsing, to find similar music to ones I already enjoy.	Nice to have	5 Hours	Album Catalog
As a user, I want to be able to have different login permissions, such as admin or regula`r, so I can separate tasks	Nice to have	4 Hours	Login Feature

Total: 57 Hours

Effort Estimation & Iteration Planning



Finalized Project Roadmap

Iteration schedule & Deliverables:

- Iteration 1: Basic interface with search, edit, etc. as well as account creation, login/logout, and detail view
- Iteration 2: Quality of life update with features such as Spotify links, lyrical previews, and related albums
- Iteration 3: Final touches with features such as image preview, beautiful UI, and login permissions

Risks: Some risks include the team's relative inexperience with large-scale group projects, as well as their availability over the following days.

Next Steps: Iteration 1 work should be prioritized and completed well in advance ahead of the next customer meeting, so that there is ready software for them to evaluate.