Sprint 3 - Iguana Team

Team 1

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Sprint Overview

In this sprint, our goal is to finish up the last backlog items to complete our project. Specifically, we need to hook up the authentication and playlist APIs up to the UI in the Mac and iOS apps. The SCRUM master for this sprint will be Alec, and he will lead weekly SCRUM meetings on Mondays. The biggest risk we have is making sure all of the backlog items get finished. This can be mitigated by leaving all of the small finishing touches till the very end.

Current Sprint Detail

1. User story: As a user, I would like to access relisten.net playlists in the iOS app.

Task Description	Time	Owner
Add Playlist UI	10	Manik
Add playlist logic and consume playlist API	10	Manik
UI and logic bug fixes	5	Manik
Relisten.net account authentication	5	Manik

2. User story: As a user, I would like to have playlist support in the web app.

Task Description	Time	Owner
Add playlist UI to the add.	8	Andrew
Add javascript to the UI for reordering playlist items.	7	Andrew
Add ajax to dynamically display Playlist items.	7	Kirby
Add the ability to sort by fields.	8	Kirby

3. **User story: As a user, I would like to be able to manage playback of music in a reorderable queue in the web app.**

Task Description	Time	Owner
Add song queue UI to the web app.	8	Andrew
Add javascript to the UI for reordering queued song items.	7	Andrew
Use localstorage to save the queue.	8	Kirby
Add the ability to sort by fields.	10	Kirby

4. **As a sysadmin, I would like one average machine be able to serve 30 req/sec.**

Task Description	Time	Owner
Benchmark current API	4	Scott
Profile slow code segments	5	Scott
Optimize as needed	2	Scott

5. **As a developer, I would like the show reviews to be queryable and stored in a separate table.**

Task Description	Time	Owner
Evaluate different methods for extracting information out	4	Scott
Create new models to reflect show review fields	6	Scott
Create API routes and associated helper methods	5	Scott

6. **As a developer, I would like it to be easy to run a local development server.**

Task Description	Time	Owner
Evaluate options for deploying	2	Scott
Implement best option	3	Scott

7. **As a user, I would like to be able to manage playback of music in a reorderable queue in the OS X app.**

Task Description	Time	Owner
Allow queue rows to be reordered by dragging and dropping	6	Alec
Add button to remove from the queue	4	Alec
Add button to open track in show context	3	Alec

8. **As a user, I would like to have an easy-to-use, user-friendly OS X interface.**
   a. This story was completed before but I feel it needs to be revisited to account for other changes to the UI

Task Description	Time	Owner
Remember last show when opening app	4	Alec
Fix display and rendering bugs	3	Alec

9. **As a user, I would like to scrobble to Last.FM from the Mac OS X**
   a. This story was not in the backlog but I think it is an important feature.

Task Description	Time	Owner
Implement basic Last.FM authentication	4	Alec
Implement now playing for Last.FM	3	Alec
Implement full track scrobbling for Last.FM	3	Alec

Team Member	Hours Allocated
Scott	4 + 5 + 2 + 4 + 6 + 5 + 2 + 3 = 31
Andrew	8 + 7 + 8 + 7 = 30
Alec	6 + 4 + 3 + 4 + 3 + 4 + 3 + 3 = 30
Kirby	7 + 8 + 8 + 10 = 33

Manik	10 + 10 + 5 + 5 = 30

Backlog

1. As a user, I would like to have the ability to create and share playlists on the iOS app.
2. As a user, I would like to have the option to favorite artists, shows, and songs on the iOS app.
3. As a user, I would like to have the option to favorite artists, shows and songs on the web app.
4. As a user, I would like to be able to cast my music playback to Google Chromecast.