

Critical Tasks and Phases		
Task	Start Date	End Date
Setup repository	8/26/19	8/27/19
Run Amplify on iOS emulator	8/26/19	8/27/19
Setup Trello board	8/26/19	8/27/19
Setup CI/CD pipelines	8/26/19	8/27/19
Acquire logo	8/26/19	11/1/19
Finalize Amplify team	8/26/19	9/4/19
Create roadmap	8/26/19	9/4/19
Onboard new team members	9/4/19	9/9/19
Learn Apollo Server	9/4/19	9/9/19
Learn GraphQL	9/4/19	9/9/19
Learn React Native	9/4/19	9/9/19
Implement back button on player	9/9/19	9/16/19
Implement list view for current songs	9/9/19	9/16/19
Add type definitions for mock data	9/9/19	9/16/19
Implement endpoint for naive search	9/9/19	9/16/19
Add TypeScript types/interfaces to client	9/9/19	9/16/19
Create client GraphQL query for naive search	9/9/19	9/16/19
Create search song screen	9/9/19	9/16/19
Run Amplify on Android emulator	9/9/19	9/16/19
Create type definitions for room and user	9/9/19	9/16/19
Implement endpoint to join room	9/16/19	9/23/19
Implement endpoint to get current room tracks	9/16/19	9/23/19
Implement endpoint to create user	9/16/19	9/23/19
Implement endpoint to leave room	9/16/19	9/23/19
Implement endpoint to get user	9/16/19	9/23/19
Implement endpoint to create room	9/16/19	9/23/19
Implement endpoint to create user info for rooms	9/16/19	9/23/19
Implement endpoint to get current room	9/16/19	9/23/19
Implement endpoint to get list of users in room	9/16/19	9/23/19
Implement endpoint to get personal queues for room	9/16/19	9/23/19
Implement endpoints to return mock data for testing	9/16/19	9/23/19
Implement Amazon RDS	9/23/19	9/30/19
Implement Amazon Cognito	9/23/19	9/30/19
Implement Spotify API	9/23/19	9/30/19
Implement YouTube API	9/23/19	9/30/19
Add GraphQL type checking	9/23/19	9/30/19
Map user initials to songs in room queue	9/23/19	9/30/19
Implement button that shows modal with list of users in the room	9/23/19	9/30/19
Filter list of songs based on user	9/23/19	9/30/19
Implement side drawer from room header hamburger icon	9/23/19	9/30/19
Implement react-native-device-info to grab MAC address of device	9/23/19	9/30/19
Testing	9/23/19	9/30/19
Implement scrubber	9/23/19	9/30/19
Create initial UI/UX mockups	9/23/19	9/30/19
Implement create user screen	9/23/19	9/30/19
Implement create/join room	9/23/19	9/30/19
Change room screen to look like mocks	9/23/19	9/30/19
Implement loading screen	9/23/19	9/30/19
Implement Amazon Gateway	9/30/19	10/7/19
Implement Amazon Lambda	9/30/19	10/7/19

Task	Start day	Duration (Days)
Setup repository	0	1
Run Amplify on iOS emulator	0	1
Setup Trello board	0	1
Setup CI/CD pipelines	0	1
Acquire logo	0	67
Finalize Amplify team	0	9
Create roadmap	0	9
Onboard new team members	9	5
Learn Apollo Server	9	5
Learn GraphQL	9	5
Learn React Native	9	5
Implement back button on player	14	7
Implement list view for current songs	14	7
Add type definitions for mock data	14	7
Implement endpoint for naive search	14	7
Add TypeScript types/interfaces to client	14	7
Create client GraphQL query for naive search	14	7
Create search song screen	14	7
Run Amplify on Android emulator	14	7
Create type definitions for room and user	14	7
Implement endpoint to join room	21	7
Implement endpoint to get current room tracks	21	7
Implement endpoint to create user	21	7
Implement endpoint to leave room	21	7
Implement endpoint to get user	21	7
Implement endpoint to create room	21	7
Implement endpoint to create user info for rooms	21	7
Implement endpoint to get current room	21	7
Implement endpoint to get list of users in room	21	7
Implement endpoint to get personal queues for room	21	7
Implement endpoints to return mock data for testing	21	7
Implement Amazon RDS	28	7
Implement Amazon Cognito	28	7
Implement Spotify API	28	7
Implement YouTube API	28	7
Add GraphQL type checking	28	7
Map user initials to songs in room queue	28	7
Implement button that shows modal with list of users in the room	28	7
Filter list of songs based on user	28	7
Implement side drawer from room header hamburger icon	28	7
Implement react-native-device-info to grab MAC address of device	28	7
Testing	28	7
Implement scrubber	28	7
Create initial UI/UX mockups	28	7
Implement create user screen	28	7
Implement create/join room	28	7
Change room screen to look like mocks	28	7
Implement loading screen	28	7
Implement Amazon Gateway	35	7
Implement Amazon Lambda	35	7

