



Software Requirements and Specifications

ASL FLURRY



AppMakers

SL Flurry App specs

What are we building?

Game app for learning fingerspelling

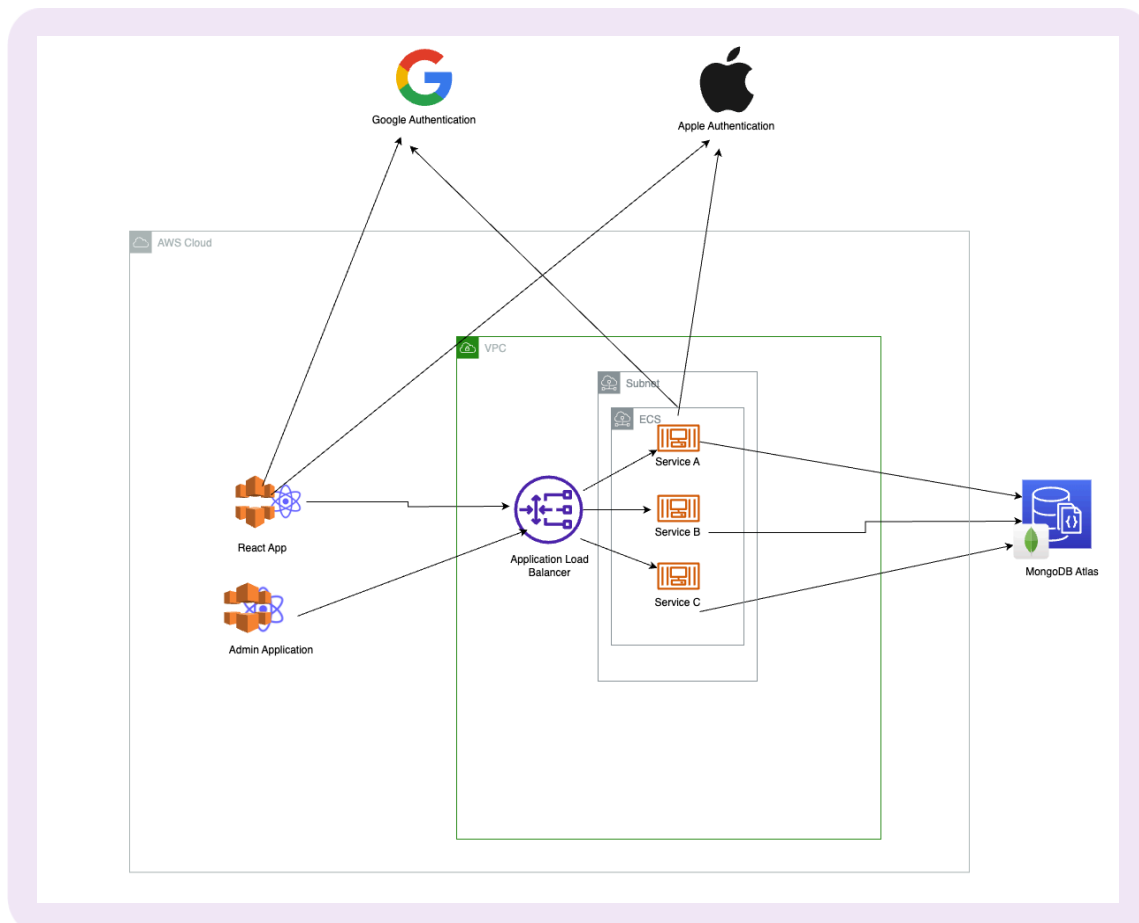
Platform:

iOS and Android

Technical:

- Build using cross-platform React Native-Web.
- Deployment to iOS, Android and webapp (compatible with all modern browsers)
- Deployment to GCP
- Documentation + technical ReadMe/Wiki

Architecture:



SPECIFICATIONS

1. Users will open the app and sign up in order to access the game
 - Simple sign up with email, google and apple
2. After signing up users will move to the home page
 - The will have the option to select their difficulty level
 - Beginner
 - Intermediate
 - Advanced
 - And see all the game categories
3. Clicking on a category, will show all the questions under this category
 - Clicking on one questions will start the game
4. The game:
 - A video will play in a loop showing a fingerspelled word
 - The user needs to select from the 9 offered options the correct answer
 - We should show the icon and text of the answer
 - The user will select the icon
 - Showing feedback “correct” or “Try again”
 - If the user answered correctly, we’ll take them to the next question
 - The video will keep playing while the the user can scroll down to see all answers
 - Clicking on the video to expand and to minimize (full screen view)
5. Sponsor page

Thank you for your support page that we can add a link there directly to paypal (no paypal integration, just leading them to the paypal account for donations)
6. Admin panel
 - Showing all users and their emails
 - Option to export to xls the users list
 - A page where the admin can edit/delete/add
 - Categories - Questions

PRODUCT FEATURES

4.1 Sign up/Sign in

- Sign up with email
- Google sign up
- Apple sign up

4.2 Buttons to select difficulty

1. Beginner
2. Intermediate
3. Advanced

4.3 Start button to start the game

4.4 On the game page:

- Video that is playing in a loop
- Expand and minimize the video
- Show the possible answers
- Icons with text for the answers
- Feedback to correct/incorrect answer

4.5 Sponsor page with a link to a paypal account for donations

4.6 Profile page to manage:

- Edit profile
- Contact us
- Terms of service
- Privacy policy
- Delete account
- Log out
- We'll have 2 apps on the app store
 - Free limited app
 - Pay to download app with more categories and games

PRODUCT FEATURES (Optional V2)

1. Sign up process with more info like the user identity:

- Teacher/Students
- Deaf/hearing/family member of Deaf
- Age range
- ASL student/fluent signer
- Interpreter / teacher of interpreter

2. Adjust the difficulty based on how well the user is doing

3. Subscription

- a. Monthly/ yearly payment? How much?
- b. Showing all available categories?