



# NextStep HealthTech App Development: Activities Feature

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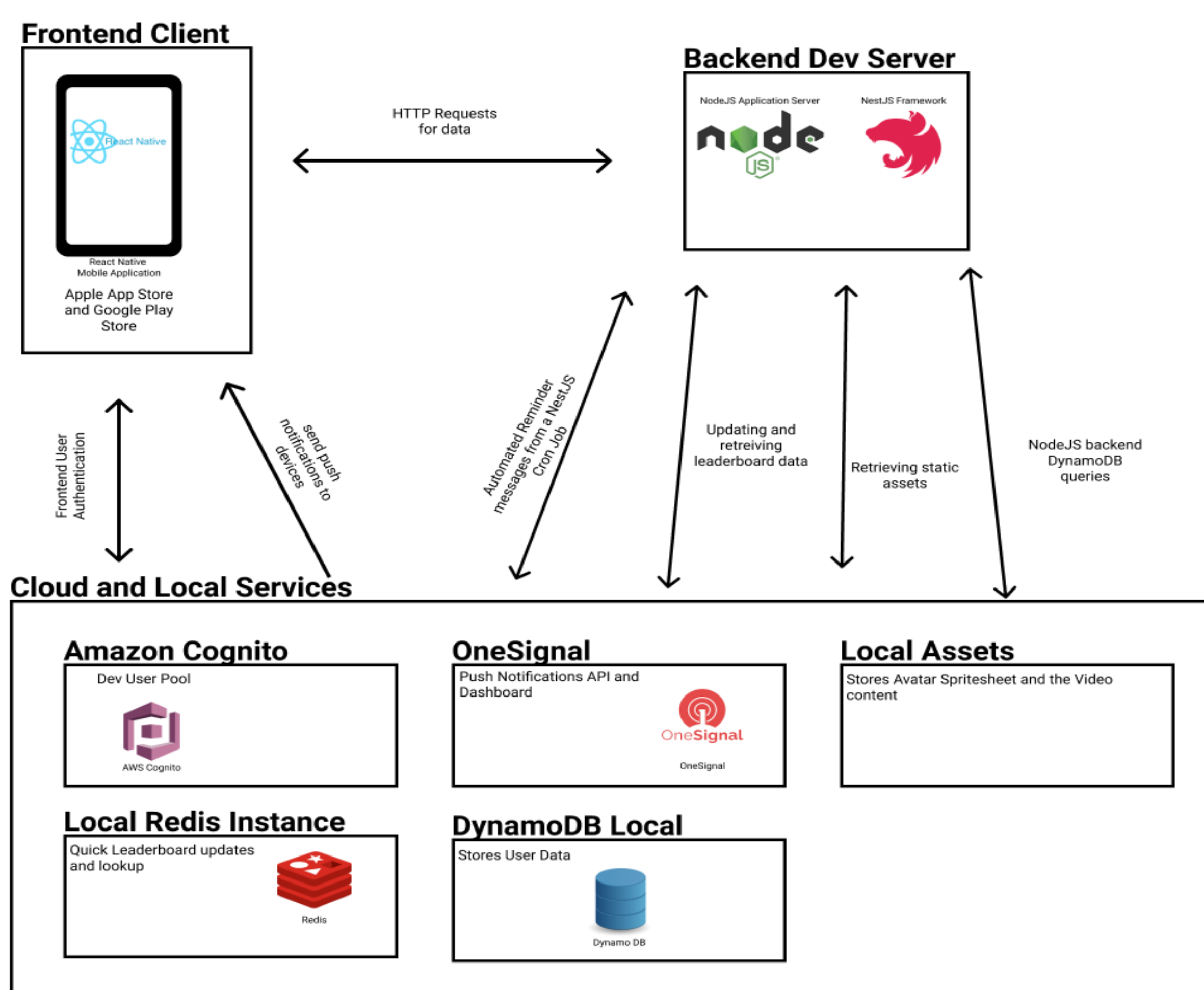


## Introduction

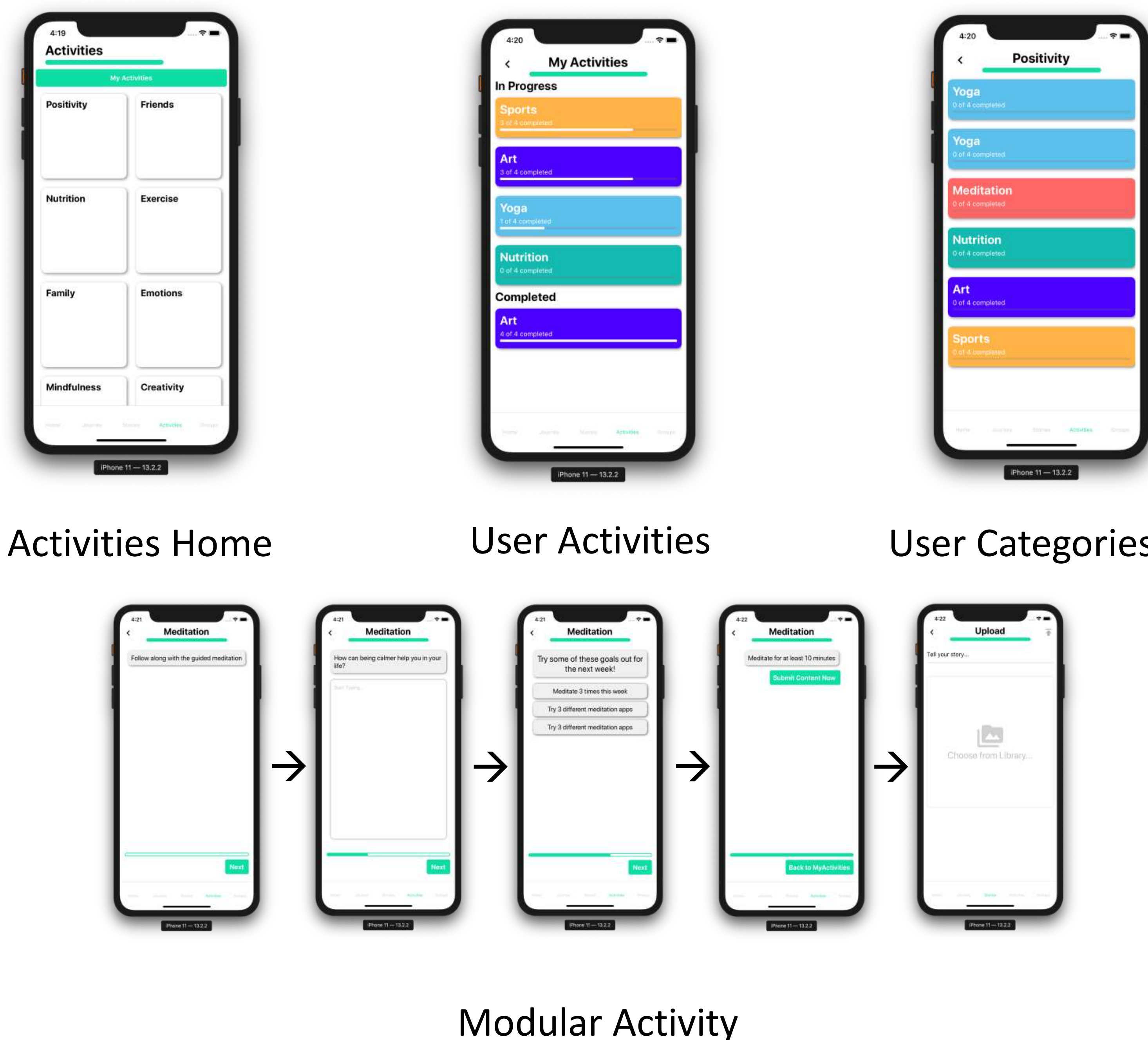
The NextStep app is intended to improve the mental health of its users, and the implementation of a new 'Activities' Feature will help to achieve that. The main intention of the feature is to motivate users to take a healthy action on their own, outside of using the app. Each activity module will contain interactive content followed by a call to action. Other features of the app will be tied into each module as well, including optional goal setting, and story posting. The main goal of our project is to create a working foundation for this feature so future content can be added.

## Technologies

This mobile app is built using React Native running on both iOS and Android. Activity videos are stored in S3 Storage while User and Activity data will be stored using DynamoDB. This data will be accessed from the frontend through a custom API.



## Screenshots



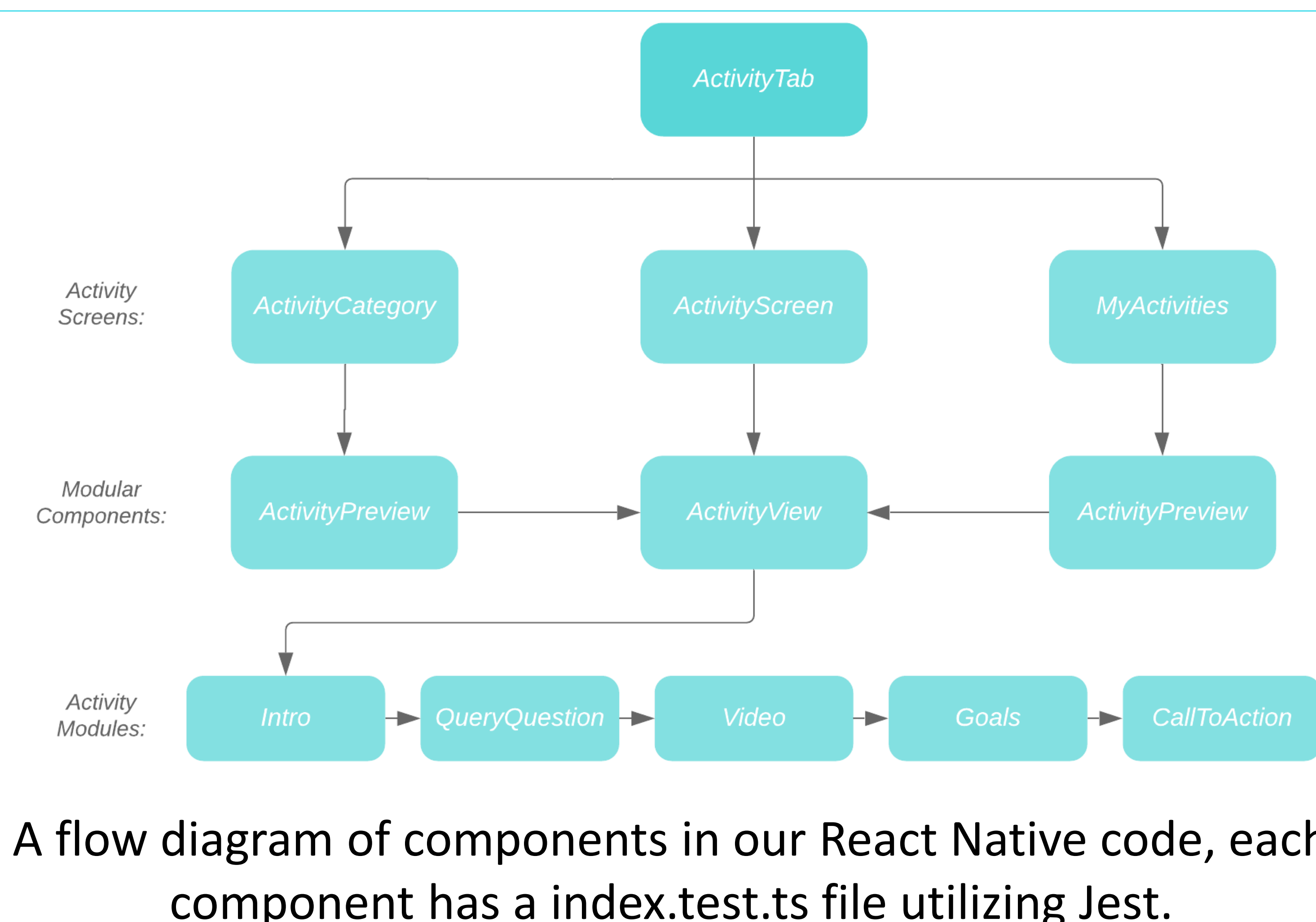
## Important Terms

- React Native** - open-source mobile application framework created by Facebook. It is used to develop applications for Android, iOS, and the Web.
- S3 Storage** - service offered by Amazon Web Services that provides object storage through a web service interface.
- DynamoDB** - fully managed proprietary NoSQL database service that supports key-value and document data structures and is offered by Amazon as part of the Amazon Web Services portfolio.
- Jest** - JavaScript Testing Framework maintained by Facebook

## Next Steps/Future Work

Our current deliverable has all of the functionality and basic design completed. Some basic styling, such as dark mode compatibility, as well as category icons, are still incomplete. Additionally the content of the modules for each activity is still needed for the feature to be fully complete. Testing will be used in the end to fix the UI and UX.

## Activity Components



## Results

Our deliverable is a new table added to the NextStep app that allows a user to access Activities. There is a "Categories" Section and a "MyActivities" section. The Categories section is an effective way for users to find new activities while MyActivities is an effective way for a user to revisit some of their favorite activities. Additionally, the MyActivities section effectively tracks the progress a user has made, both for an individual activity as well as total activities they have completed. Each activity module currently has five levels of interactivity: intro, query question, video, goals, and a call to action.