Report

# Introduction

This activity is focused on the editing of the app.json file where multiple tasks are completed to achieve the final output. The steps that are involved in this task include initial setup, app configuration exploration, platform-specific configuration, runtime, and updates configuration.

# 1. Initial Setup

The first step is initial setup for the expo project which is with the name ExpoConfigDemo and exploring the App.json file.

# 2. App Configuration Exploration

The second step is editing the app.json file from the project directory and modifying the name, slug, and description under the Expo key. These properties significantly influence the app's identity and display name of the app, visible to users on app stores and devices. The slug is a unique identifier for the app, often used in URLs and internal references. The description provides a brief overview of the app, providing users with insights into its purpose and functionality. Additionally, updating the owner and privacy settings by specifying the fields, for individual or organization responsible for the app's development and maintenance.

# 3. Platform-Specific Configurations

The third step is a platform-specific configuration update that adds platform-specific properties under the iOS and Android keys, sets up bundleIdentifier for iOS, and packages for Android. Also, add a role for the iOS and Android for unique identification of apps within the app store. Additionally, update the app icon and replace these icons with custom images.

# 4. Runtime and Updates Configuration

The fourth step is runtime and updates configurations where a specific version of Expo SDK is used in the app, ensuring compatibility and consistency across different devices. It includes controls and the behavior of app updates, including automatic updates and update channels.

# Conclusion

The task is achieved and the JSON file has been updated according to the provided instructions in the task. The screenshots containing the results are also attached. The exploration and configuration of app settings within the app.json file are integral to defining the identity, visibility, and behavior of an Expo app.