



## Overview

Dressup is an Android application designed to help users choose an outfit based on their gender and formality preferences. The app retrieves images of shirts, pants, and shoes based on the user's selections and presents them in an easy-to-use interface.

## Technology Approach

The app was built using Unity and C# programming language. To retrieve images, the app uses Microsoft Azure Bing Search API. This API was chosen because it provides a wide range of search results with high accuracy. The API returns a list of images that match the user's selected categories, which the app then displays on the user interface.

## Features

1. Integrate an AI-based feature that allows users to upload a photo of an outfit, which will be analyzed using machine learning. Based on the analysis of the user's uploaded photo, the AI will recommend outfits that are similar in style and color to the clothing in the photo, providing personalized outfit recommendations for the user.
2. Save Outfits - Allow users to save their favorite outfit combinations for future reference. This feature could include a "Favorites" section in the app where users can store their favorite outfits and access them easily.

## Conclusion

Dressup is a great tool for anyone looking to choose an outfit quickly and easily. By utilizing Microsoft Azure Bing Search API, the app retrieves accurate and relevant images to present to the user. With the suggested feature, Dressup can become even more useful to its users by leveraging machine learning to recommend outfits that match their uploaded photo.