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# SuperHero Characters

## Description

This App allows users to get information about Marvel superheroes, the comics they appear in and chat with other users about them.

## Intended User

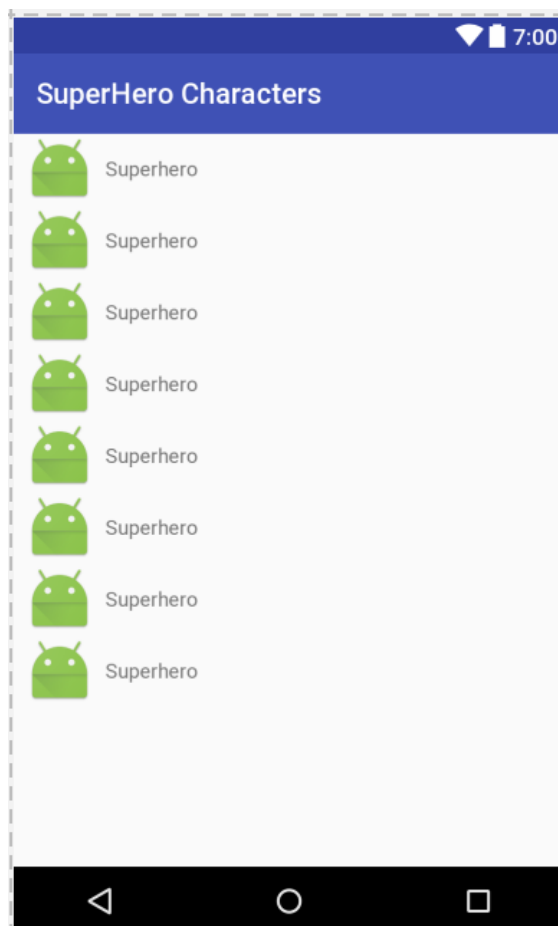
This App is for users that want a discuss about their favourite Marvel superheroes.

## Features

- Superhero listings
- Chat forum

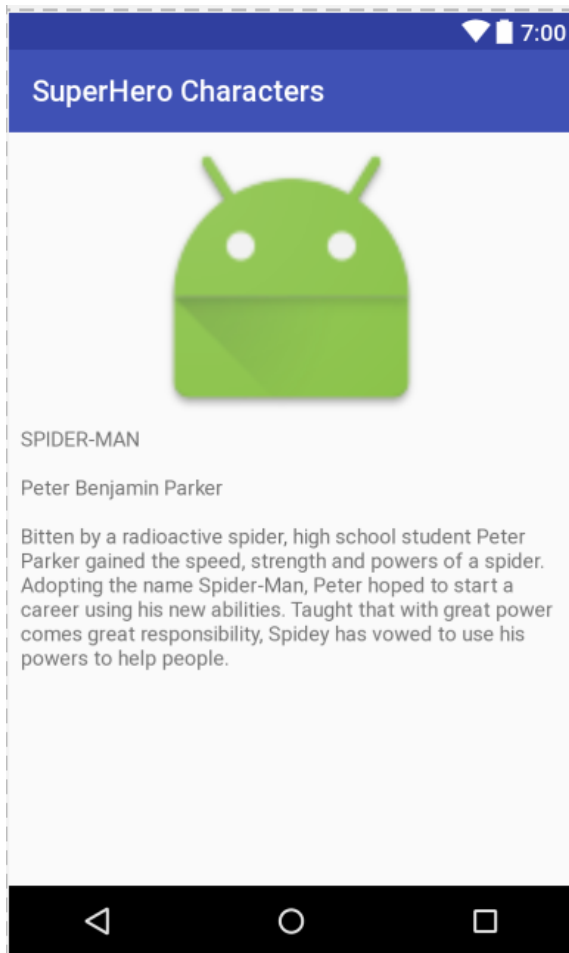
## User Interface Mocks

### Screen 1



List of characters

## Screen 2



Character detail page

## Key Considerations

How will your app handle data persistence?

Data will be persisted using a ContentProvider and the Firebase Realtime Database and Storage.

Describe any corner cases in the UX.

On back pressed users will be returned to the previous fragment.

**Describe any libraries you'll be using and share your reasoning for including them.**

Picasso to handle the loading and caching of images.

Retrofit to parse json data.

Firebase to persist data

**Describe how you will implement Google Play Services.**

Firebase Realtime database to save chats

Firebase Storage to save image files

## Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and decompose them into tangible technical tasks that you can complete incrementally until you have a finished app.

### Task 1: Project Setup

Connect to Marvel API to get list of characters

- Get data in json format
- Use retrofit to deserialize the data

### Task 2: Create Model Class for Characters

Characters will have:

- Name
- Biography
- List of comics

### Task 3: Implement UI for Each Activity and Fragment:

Create all of the user interfaces:

- Create MainActivity and its layout
- Create DetailActivity and its layout
- Create DetailFragment and its layout
- Create CharacterFragment and its layout

- Create ChatFragment and its layout

#### Task 4: Set Up ContentProvider and the Firebase API

#### Task 5: Create Widget

Create widget that shows the list of characters

#### Task 6: Create Build Variant

Create release variant

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