



Documentation

How to build

1 - Install the last version of android studio

```
$> gradle wrapper
$> ./gradlew build # Unix
# use gradlew.bat instead of ./gradlew on Windows
$> ./gradlew assembleDebug # Create debug apk
$> ./gradlew assemble # Create apk
$> ls ./app/build/outputs/apk/debug ./app/build/outputs/apk/release # show the apk
```

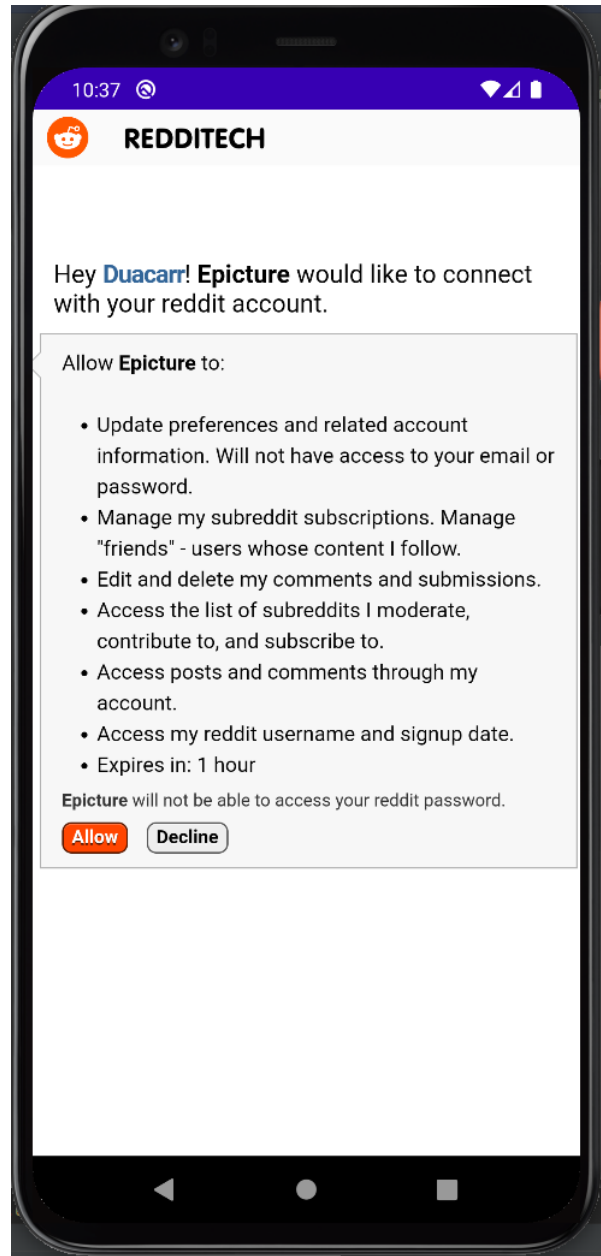
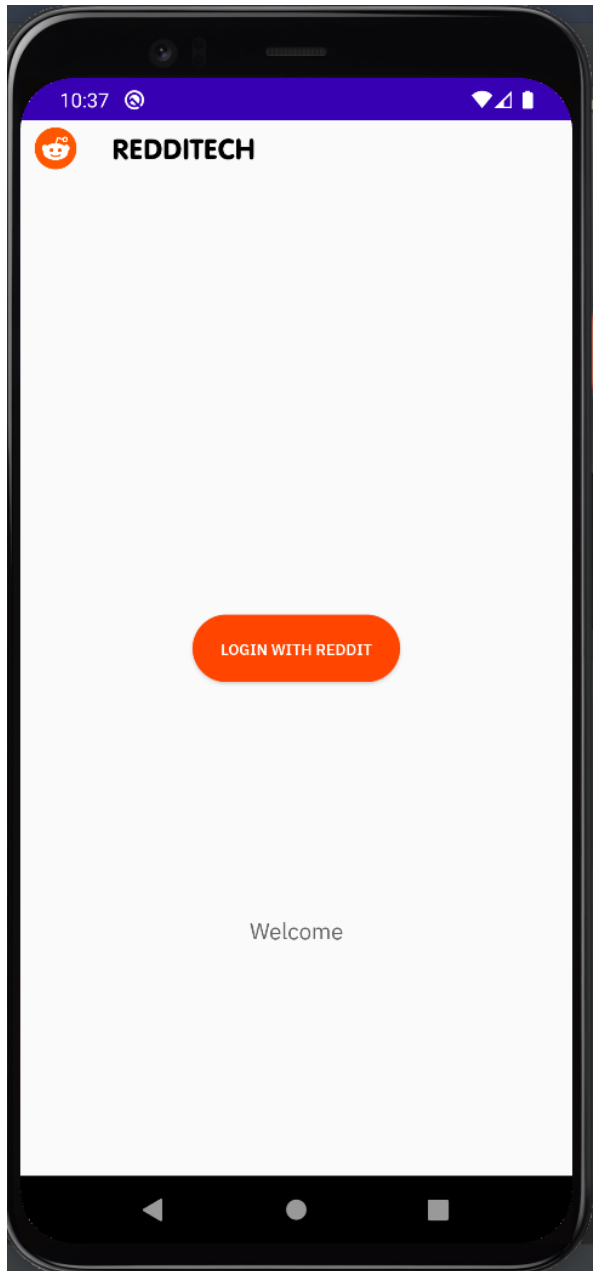
Fonctionnalités:

- Authenticate to the Reddit API with the OAuth2 protocol
- OAuth2 web page reformatting
- Display the user's profile. Profile picture, username and description.
- Display posts from the subreddits the user is subbed to.
- Filter the posts (rising, hot, new, top) on the home page and the subreddit pages.
- Search for subreddits
- Display a subreddit basic information. Title, number of subscribers, description, and header image, icon.
- Display posts from a subreddit.
- Subscribe/Unsubscribe to a subreddit.
- Display and update more than 6 of the user's settings.

Authentification

Processus

- Lancement de l'authentification
- Si vous n'êtes pas déjà connecté, une page de connexion s'affiche (login, password). Se connecter.
- La page web d'autorisation de reddit s'affiche.
- Cliquer sur le bouton "autoriser"
- Vous êtes redirigé sur la page d'accueil.



Structure du projet

Structure des fichiers:

- activity
 - ... List of application pages

- **adapter**
 - ... Classes that manage post and subreddit pages
- **fragment**
 - ... Page fragments
- **model**
 - **api**
 - ... API data classes
- **network**
 - **Apireddit.kt** # Api endpoints definition
 - **ApiClient.kt** # Network client
- **repository**
 - **AppRepository.kt** # Api endpoints definition call
- **utils**
 - ... Tool functions
- **viewmodel**
 - ... Network access classes of each pages
- **webViewClient**
 - ... Network web clients (OAuth page and Post media loading)

Structure de l'application:

