Mobile Development (CSD3184_7) – Project

João Rubens Marchete #737027
Rodrigo Venancio de Lima #724680
https://github.com/bmarchete/android-lambton-project
https://github.com/bmarchete/android-lambton-project-api
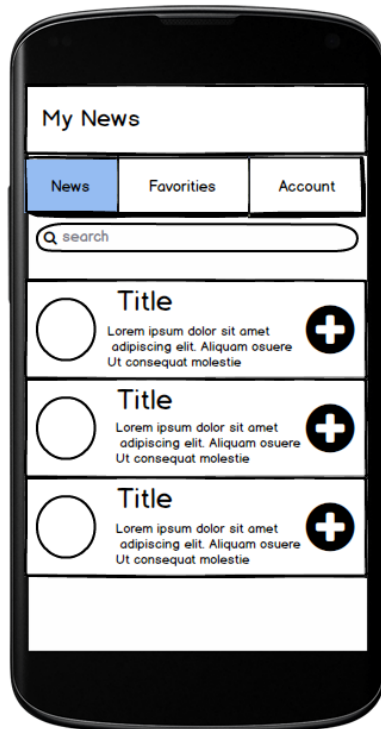
Project Description

The purpose of this Project is to create an android app using Xamarin and C# that will show the current news to the user. Its design is planned to contain the following screens: registration, login, main screen, and news visualization. The main screen will provide three tabs: The first one will show all the news, the second will show the favourited ones, and the third will show the user information, which will be possible to update this data.

To start using the app, the user must have an account, so the first screen will the login, with the fields "email" and "password" to be filled. If the user doesn't have an account, he should go to the registration screen and complete the form with the fields "email," "password", "name", "age", and "phone number", then, log in. This information will be saved at SQLite Android Database and the data about favourite news, whether exists, and the user information tab will be loaded.

The app will bring the news information from an external API and load in a ListView on the first tab. The user will be able to read the news and mark as favourite each one he wants to save. The favourited news will be saved at SQLite Android Database and put available through a Listview on the second tab. When clicking on a story, a new screen will be loaded, showing more details about that notice.
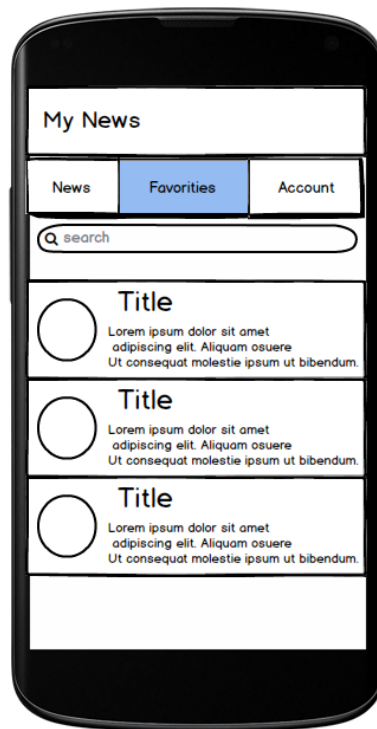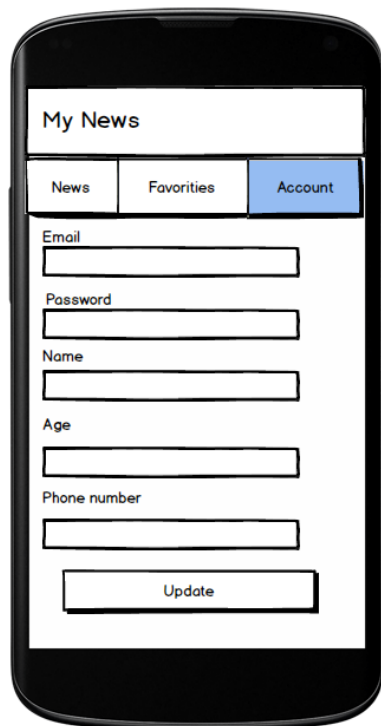
Login Screen	Registration Screen

Current News Tab

Favourite News Tab

User Information Tab