

# Report

It took me approximately a day and a half to develop app and write unit tests and report.

## Key points

- App is developed using MVVM + Coordinator pattern
- Support as low as iOS 9.0. There are no higher version of iOS API used. Wider audience available.
- App supports dynamic types
- No external frameworks/libraries used
- JSON format is used to store selected currency pair between app launch
- Unit tests focused on view models, since it's where primary business logic located (100% coverage for view models)

## Know limitations

- Localisation. Currently all strings are hardcoded. Appropriate localisation approach should be selected (Localizable.strings or some external service i.e. lokalise.com )
- Proper errors reporting. At this point there is no value to show user why rates are not available (either no network issues, or wrong currency provide and "Wrong currency pair: XXXGBP" received, etc). As for example there are no big value in showing various IO errors.
- Currency name and flags hardcoded. Would be nice to add names into localisation and flags to download from some external service

