

Test Assignment

| | |
|-----------|--|
| Main task | Create a two-screen application using random user generator. |
|-----------|--|

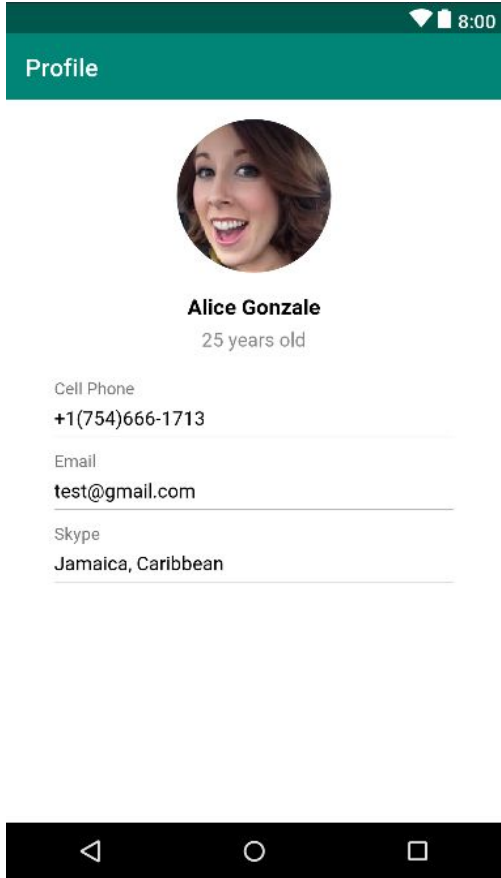
Specification of Application

| | |
|---------------------|---|
| Subtask | TEST-1 |
| Description | Make a project with two screens. |
| Acceptance Criteria | <ul style="list-style-type: none">• The app should be written in Java or Kotlin;• The app should have only Portrait orientation; |

| | |
|---------------------|--|
| Subtask | TEST-2 |
| Description | Put a project under source control and publish it on the GitHub / Bitbucket |
| Acceptance Criteria | <ul style="list-style-type: none">• The app should be published on an open GitHub / Bitbucket account;• Git repository should have a commit for each subtask;• Your project should be built without errors after pulling from that repository. |

| | |
|----------------------|--|
| Subtask | TEST-3 |
| Description | Setup networking using randomuser.me , Documentation . Required functionality: API Endpoint: https://randomuser.me/api/ Optional ADVANCED functionality: Make pagination with a loading of 20 items. |
| Acceptance Criterias | You can use third-party tools/libraries/frameworks, including Retrofit 2, RxJava2, etc. |

| Subtask | TEST-4 |
|---------------------|--|
| Description | <p>Develop the first screen with a list of Users.</p> <p>Required functionality:</p> <ol style="list-style-type: none"> 1. Make a list of Users using RecyclerView; 2. Each item in the list should have: <ol style="list-style-type: none"> a. User image; b. User's first name and last name. 4. When AppUser taps on the list item, a screen with user description should present information which is described in TEST-5 <p>Optional ADVANCED functionality:</p> <ol style="list-style-type: none"> 1. Add extra labels with User info in the list cell; 2. Make pagination and load 20 items more after scrolling down; 3. Change cell layout by your choice (Linear or Grid Layout). |
| Acceptance Criteria | <ul style="list-style-type: none"> • List of Users should have at least 20 items. |
| Attachments | <p>Here are examples of the first screen layout. You should choose only one of these layouts.</p> <div data-bbox="451 982 1321 1745"> </div> |

| Subtask | TEST-5 |
|------------------------|--|
| Description | <p>Develop the screen with a description of the selected user</p> <p>Required functionality:</p> <ol style="list-style-type: none"> 1. Under the ActionBar a big picture should be placed; 2. Under the image there should be: <ol style="list-style-type: none"> a. First name and last name; b. Gender; c. Date of birth in “YYYY-mm-dd” format; d. Phone numbers of the user. <p>Optional ADVANCED functionality:</p> <ol style="list-style-type: none"> 1. Make an option ability to call the user; 2. Add extra User info (using appropriate UI elements). |
| Acceptance Criteria | <ul style="list-style-type: none"> • User’s image should have at least a 128*128 dp; • The screen should be scrolled in case there is not enough space. |
| Attachments | <p>Here is an example of the user details screen layout.</p>  |