

# MOBILE PROGRAMMING TEST

## Hello!

Thank you for choosing to interview at TymeX! We are so excited for you, and we hope that you have a great experience with us.

Below information outlines the info and guidelines you'll need to complete TymeX's Mobile Take-Home Project.

### ❖ User Story:

As an administrator, it is possible to browse all users who are the members of GitHub site then we can see more detailed information about them.

### ❖ Acceptance Criteria:

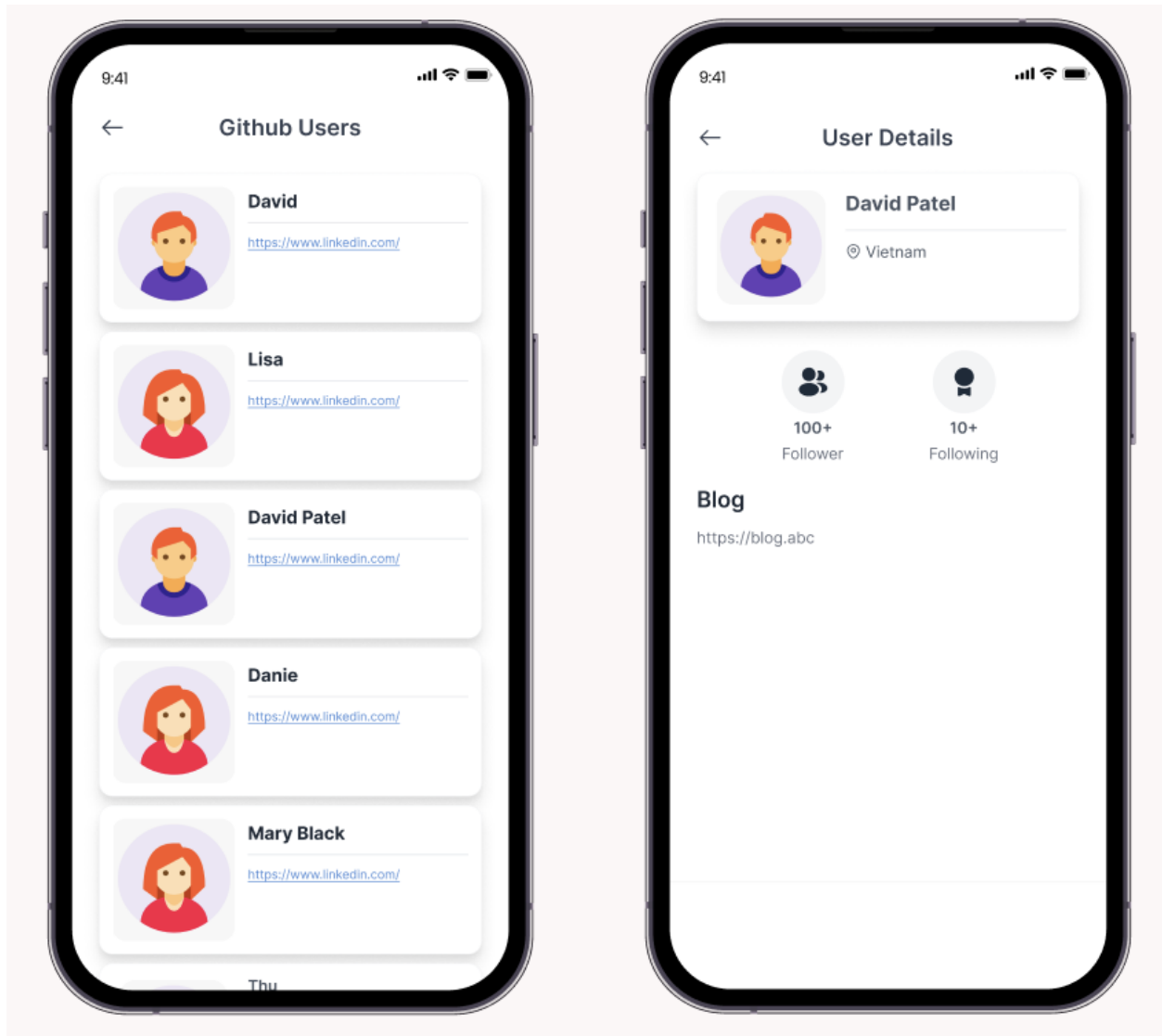
- The administrator can look through fetched users' information.
- The administrator can scroll down to see more users' information with 20 items per fetch.
- Users' information must be shown immediately when the administrator launches the application for the second time.
- Clicking on an item will navigate to the page of user details.

### ❖ Important Notice:

- Using any architecture/model you prefer, but scalable and reusable.
- Application is implemented for native Android or native iOS using Kotlin or Swift, but both are a big plus.
- Unit testing must be applied on the project.
- Remember to write documentation comments in Kotlin files (Android) or Swift files (iOS).
- XCode version: feel free to choose the familiar Xcode version which you wanna use to develop this exercise.
- Remember to compress the project with source code only (excluding generated build, outputs...).

- Timeline: 1 week
- Send the submission via email. We accept a public repo link or a zip file.

### ❖ UI/UX Design Mockup



### ❖ API Contract:

- GET [https://api.github.com/users?per\\_page=20&since=100](https://api.github.com/users?per_page=20&since=100)

Request Header

Key	Value
Content-Type	application/json;charset=utf-8

Request Parameter

Key	Value
since	0...n, calculated by n*per_page
per_page	1...n

#### Body Response

Key	Description
login	Login username
avatar_url	Avatar url of a user
html_url	The landing page url of a user

- GET [https://api.github.com/users/{login\\_username}](https://api.github.com/users/{login_username})

#### Request Header

Key	Value
Content-Type	application/json; charset=utf-8

#### Request Parameter

Key	Description
login_username	The login username

#### Body Response

Key	Description
login	Login username
avatar_url	Avatar url of the user
html_url	The landing page url of the user
location	The living city/country of the user
followers	The number of following users
following	The number of followed users

This is your chance to shine! Use what you know to complete the test.

**Best of luck!**