Software Engineer Technical Test

For submission, candidates are required to upload all the source code into GitHub/GitLab and share the repository link with khairul@lionsbot.com and kianghong@lionsbot.com. Candidates are required to ensure that the repository must be set to private access. For questions and clarifications you can contact the email addresses above

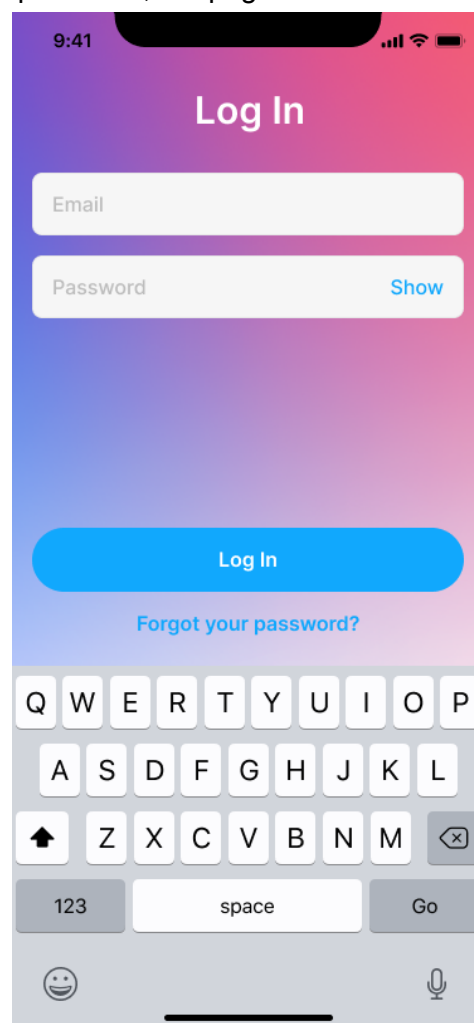To create a functional mobile application for users to:
- Login
- Remote Control robot
- Toggle settings

It is recommended to use **Flutter** for this task.

Login

Upon incorrect username or password, screen should display a unsuccessful login
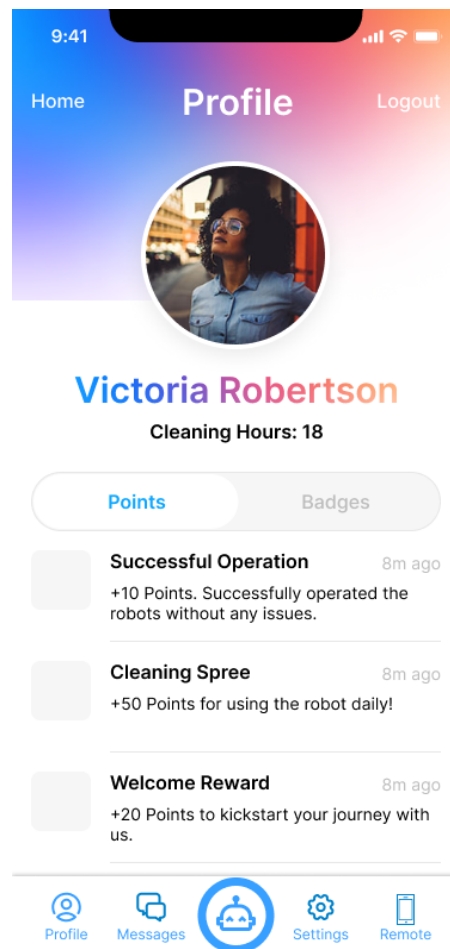Upon correct username and password, the page will redirect to the 'Profile' screen.

Profile
Screen should display the user's profile picture, cleaning hours and the history of points and badges.
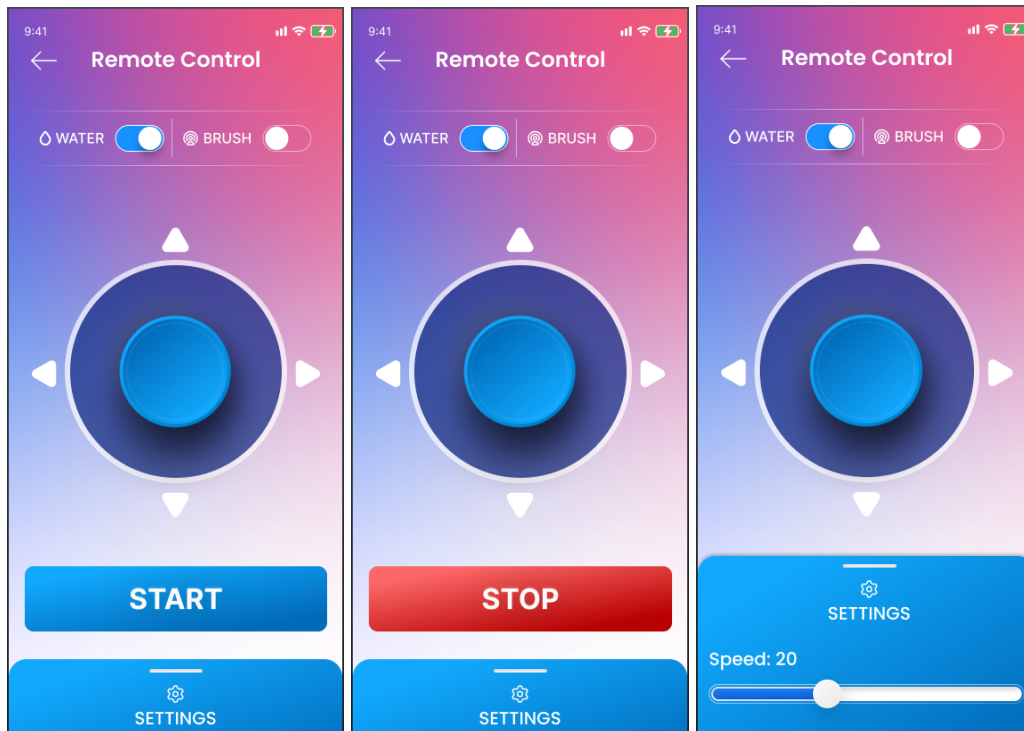The selection for Points and Badges can be toggled.
Selecting 'Remote' in the navigation bar below will redirect the user to the 'Remote Control' screen.

Remote Control

- 'Water' and 'Brush' are toggle buttons
- Joystick in the screens below must be movable.
- Upon clicking 'START', state changes to 'STOP'
- 'Settings' bottom drawer can be dragged up to control Speed slider
- Clicking the back button will redirect the user to the 'Profile' page

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END FOR MOBILE APP TECHNICAL TEST

Background Asset