**Division / Team:** Government Productivity Engineering, Workpal

**Brief Description of your Div/ Team:** We are the team behindWorkpal is a mobile application designed to streamline and enhance the work experience for public officers. Our platform empowers public officers with the flexibility to conduct work transactions seamlessly, anytime and anywhere, making their workflows more efficient and productive.

**Assessment Title:** Room BookingMobile Application

**Overview/Background:**

Position: Frontend Developer  
Assignment: Build a React Native mobile app demonstrating API integration, data manipulation, and device-specific functionality.  
Create a mobile app that:

* Fetches data from a REST API.
* Sorts and displays the data dynamically.
* Integrates a device-specific feature (e.g., camera).
* Includes tests for critical functionality.

**Assessment Instructions / Case Study Scenarios:**

<https://gist.github.com/yuhong90/7ff8d4ebad6f759fcc10cc6abdda85cf>

Duration : Estimated 10-12 hours

Please advise the candidates to follow the technical instructions in the link above.  Please note that the technical assessment has a strict duration of 1 days. Kindly ensure the candidates completion within this timeframe. Please ignore the instruction indicated to submit the assessment and questions to [d3hiring@gmail.com](mailto:d3hiring@gmail.com). When the candidate has completed the assignment before the given timeline, please upload the solution to a public git repository and revert a link of their repository with us.

**How to submit your answers:**

* Your code must be hosted on Github, or any other similar service, in a publicly accessible repository (eg. GitHub / BitBucket / GitLab).
* You may include a section with the assumptions, interpretations you have made about the requirements above or notes on your architecture decisions.
* Do show the progress of your work with atomic git commits.
* Ensure your app is compliable
* Please send us a link to your repository when you complete your assessment via **email: jerry\_goh@tech.gov.sg**

**Deadline:**

* Please complete the assessment within 1 day upon receiving this email. Thereafter, you might be invited for a chat with our tech assessors to discuss your submission.

**Grading Criteria / Matric:**

We will assess your submission holistically (i.e. not just in terms of functionality), including factors such as:

* Sound approach to handle responsive layout and styling within the application to support different devices
* Readability and code cleanliness
* Code structure/design, e.g. modularity, testability
* Naming / Coding conventions as per your language of choice
* Designing for user experience / performance
* Adequate error handling, eg. network failure

**Additional Notes to Candidates:**

* For questions relating to the assessment, please contact [jerry\_goh@tech.gov.sg](mailto:jerry_goh@tech.gov.sg)

**Appendix :**