



Close



You have 15 messages from 3 participants

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Projects

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Jane reported a bug

Description of the bug reported by Jane

Session #37478347 - e-parking system

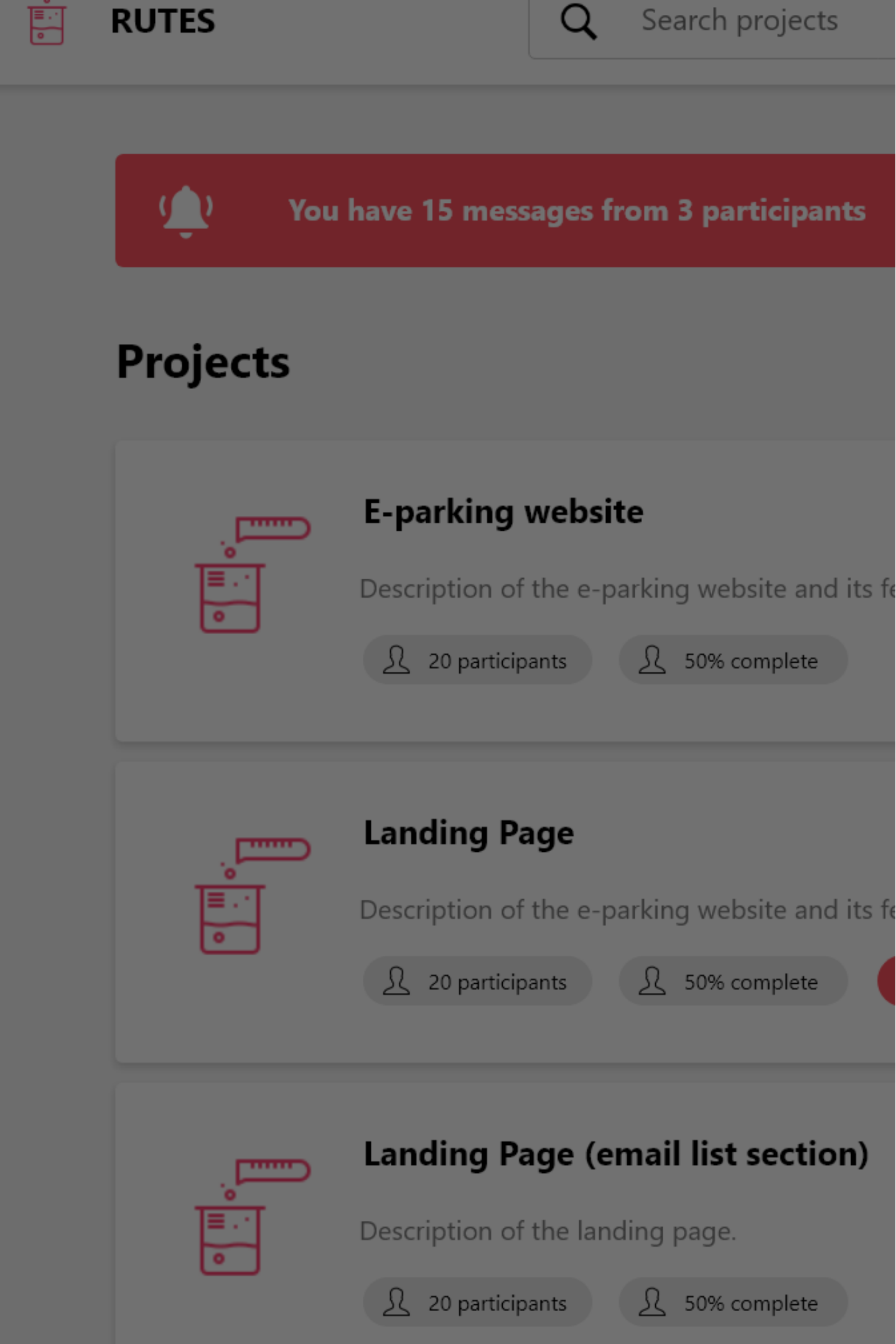
REMOTE USABILITY TESTING AND USER EVALUATION SUITE

RUTES



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What is RUTES?

RUTES is a system for conducting remote, comprehensive evaluations and tests on web applications.

Given the rising need for fast software implementation, developers and organizations need evaluation methods that are fast, cheap, scalable, and easy to conduct.

Main Objectives



1

Implementing an Admin Dashboard

An interactive web application for developers and organizations to design tests, receive system feedback, communicate with testers, and analyze responses.

2

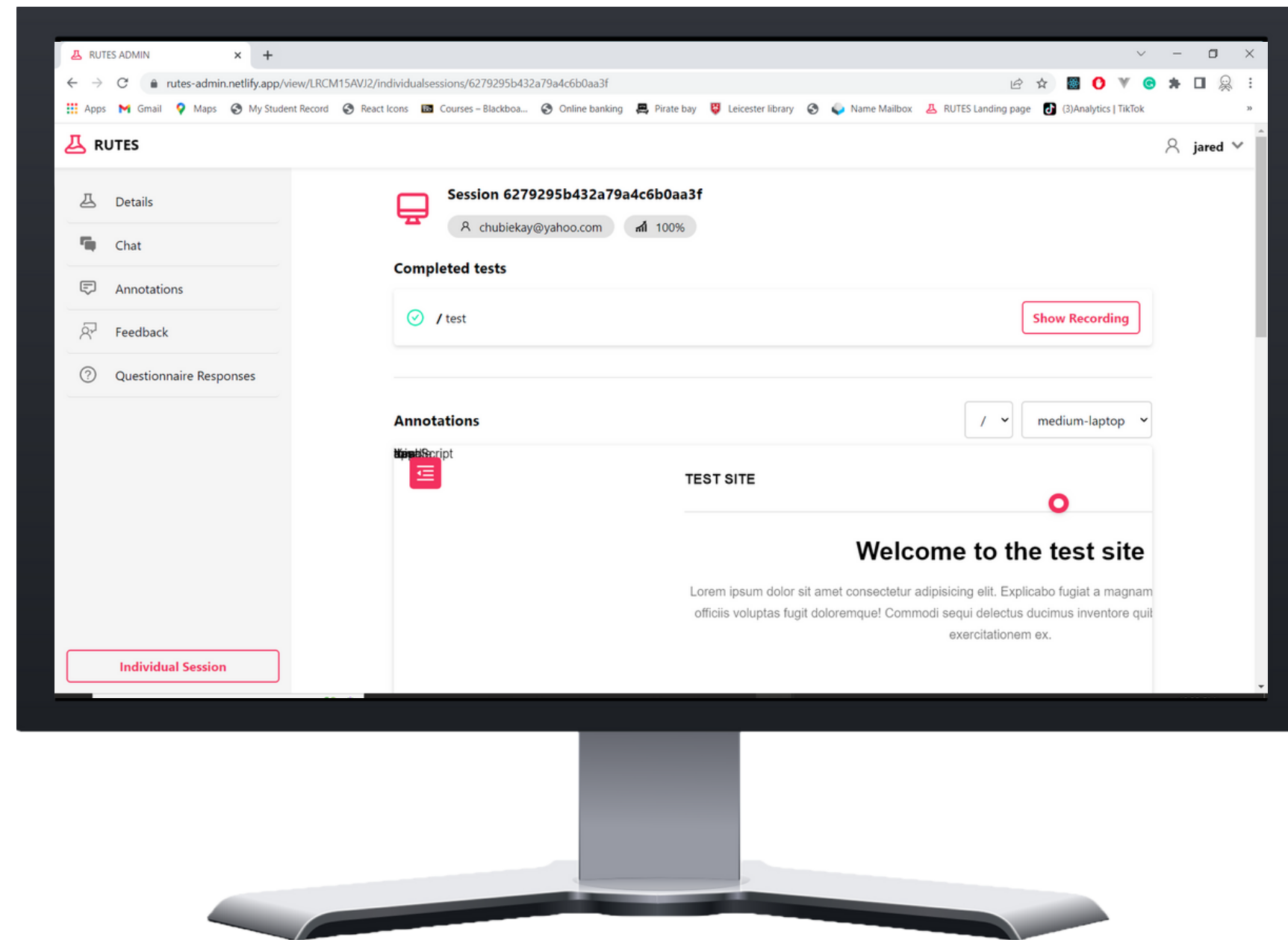
Implementing a Tester Library

A JavaScript library that creates an interface for professional and non-professional software testers to perform specified tests, annotate UI elements, communicate with developers, etc.

AIM

The desired end goal of the RUTES system is to see developers/organizations save time and money, and iterate through development phases faster by providing them with an easy-to-use comprehensive online platform for conducting, monitoring, and analyzing the results of user studies and UX evaluation.

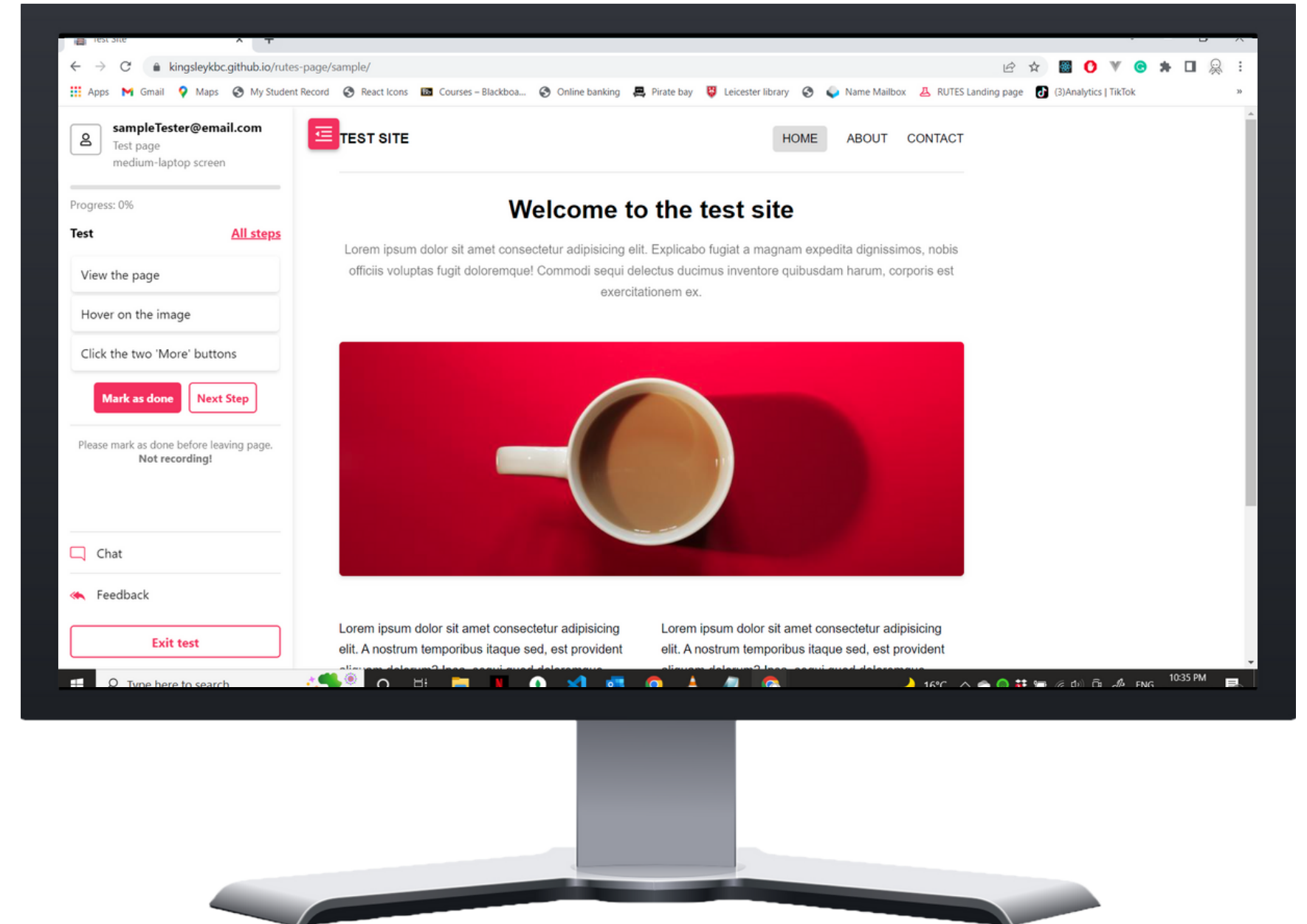
Admin Dashboard



- Create and modify projects and tests
- Inviting participants via email
- Track test status and participant progress
- View user feedback and annotations
- Setting questionnaires and viewing responses
- Chatting with participants
- Viewing session recordings

Client library

- Viewing projects and taking tests.
- Chatting with the test coordinators
- Annotating UI elements
- Posting system feedback (errors, feature requests, or basic notes)
- Taking pre and post-session questionnaires
- Recording test sessions



Existing Systems

There are many remote testing and evaluation tools currently in use.

Two popular examples are **Loop11** and **Usabilla**



Usabilla

A multi-platform customer-focused tool that mainly works by collecting user feedback on target web, mobile, or email applications.

Main limitation is that only focuses on customer experience and other aspects of usability.



Loop 11

A more robust, test-focused user evaluation tool with features like surveys, click stream analysis, and heatmap.

Main limitation is that it lacks communication tools.

Implementation

Admin dashboard

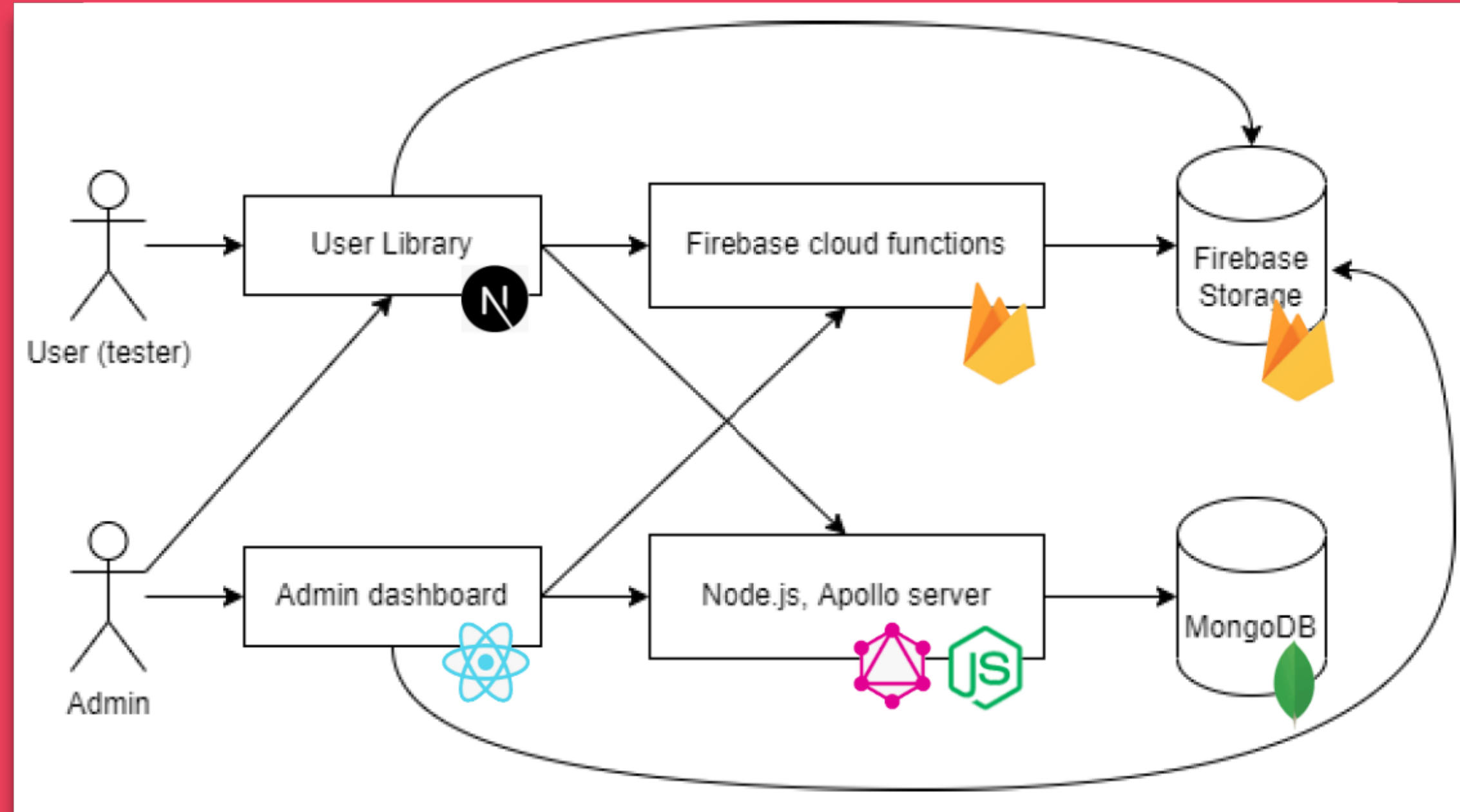
A web application frontend built with React.js (Next.js).

Client library

A Javascript Library frontend built with React.js.

Server

The system's backend - A graphql API built with node js and apollo server



Testing and Evaluation inferences



VERY POOR

POOR

OKAY

GOOD

VERY GOOD

Setup



Usability

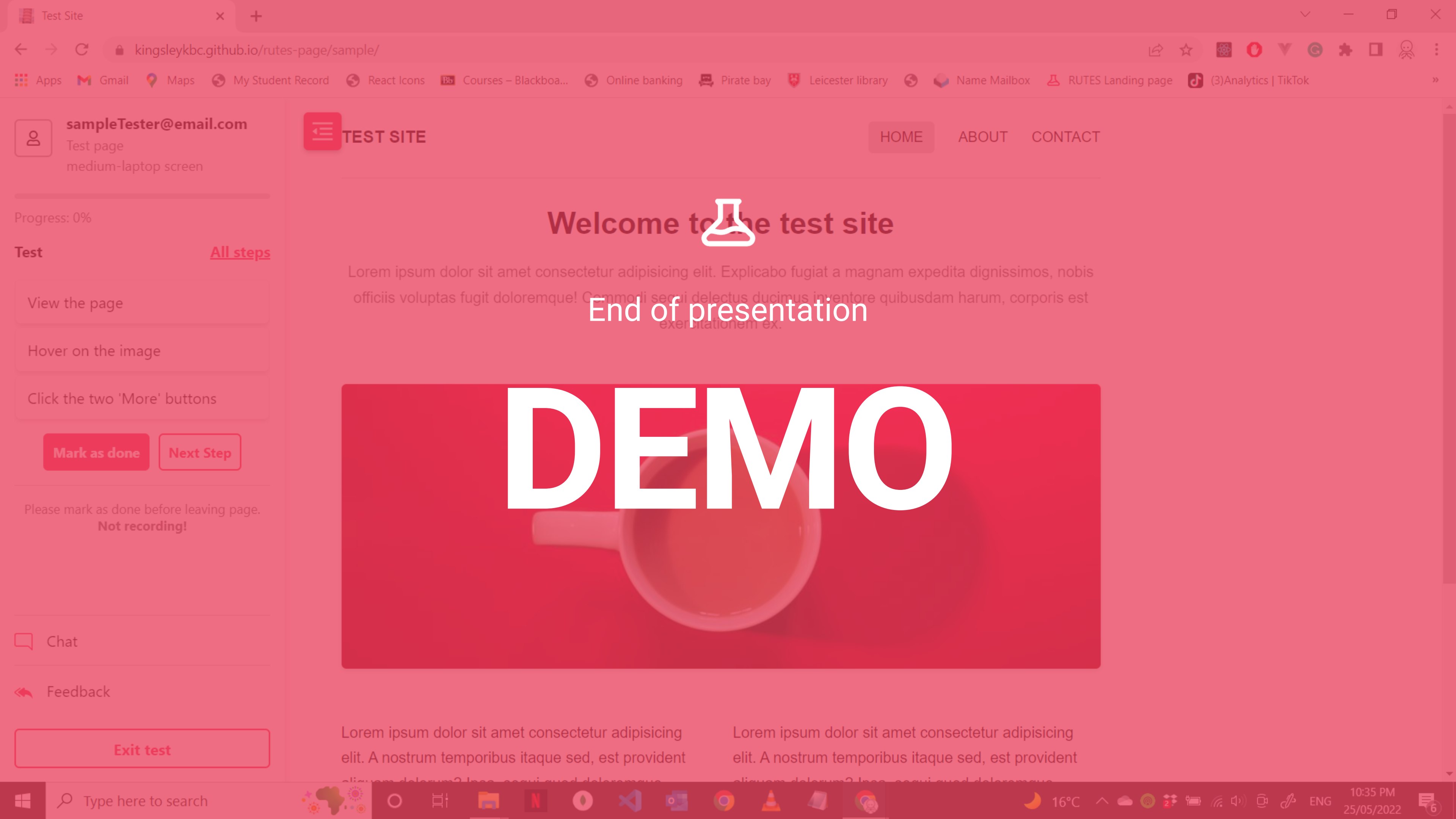


Features



UX





- View the page
- Hover on the image
- Click the two 'More' buttons

Mark as done Next Step

Please mark as done before leaving page.
Not recording!

Chat

Feedback

Exit test

Welcome to the test site

End of presentation

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