Emerald: Guideline Checking Tool

Information Architecture and Web Usability 2022/2023

Group 2:
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Agenda

- about Emerald
- similar tools
- main features
- screens overview

Emerald

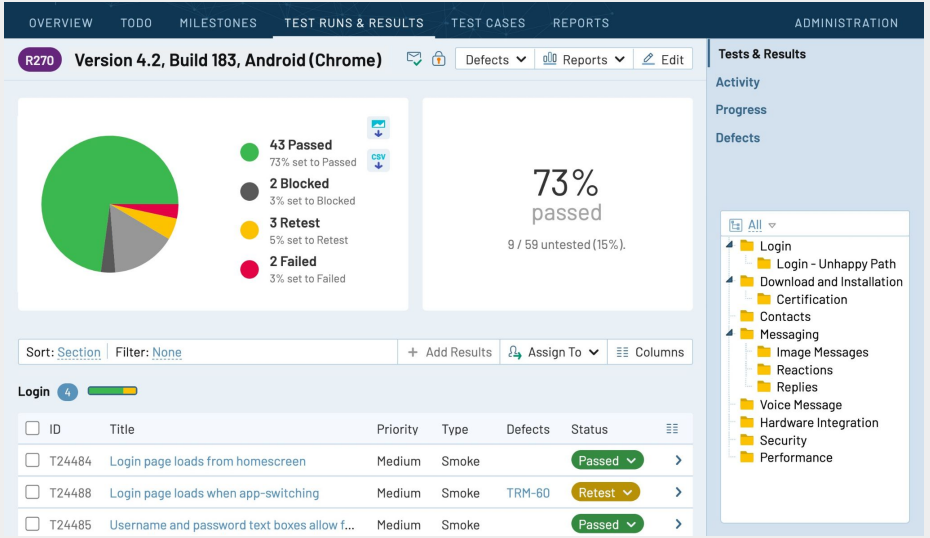
- guideline checking tool

  - generally:
    - defined set of guidelines
    - possibility to evaluate a guideline in different ways (binary, by leaving comments, point based, etc)

  - Emerald-specific:
    - guidelines -> criteria
    - criteria grouped in scripts
    - scripts grouped in projects
    - ternary criterion evaluation system (passed/failed/unreviewed)

Similar Tools

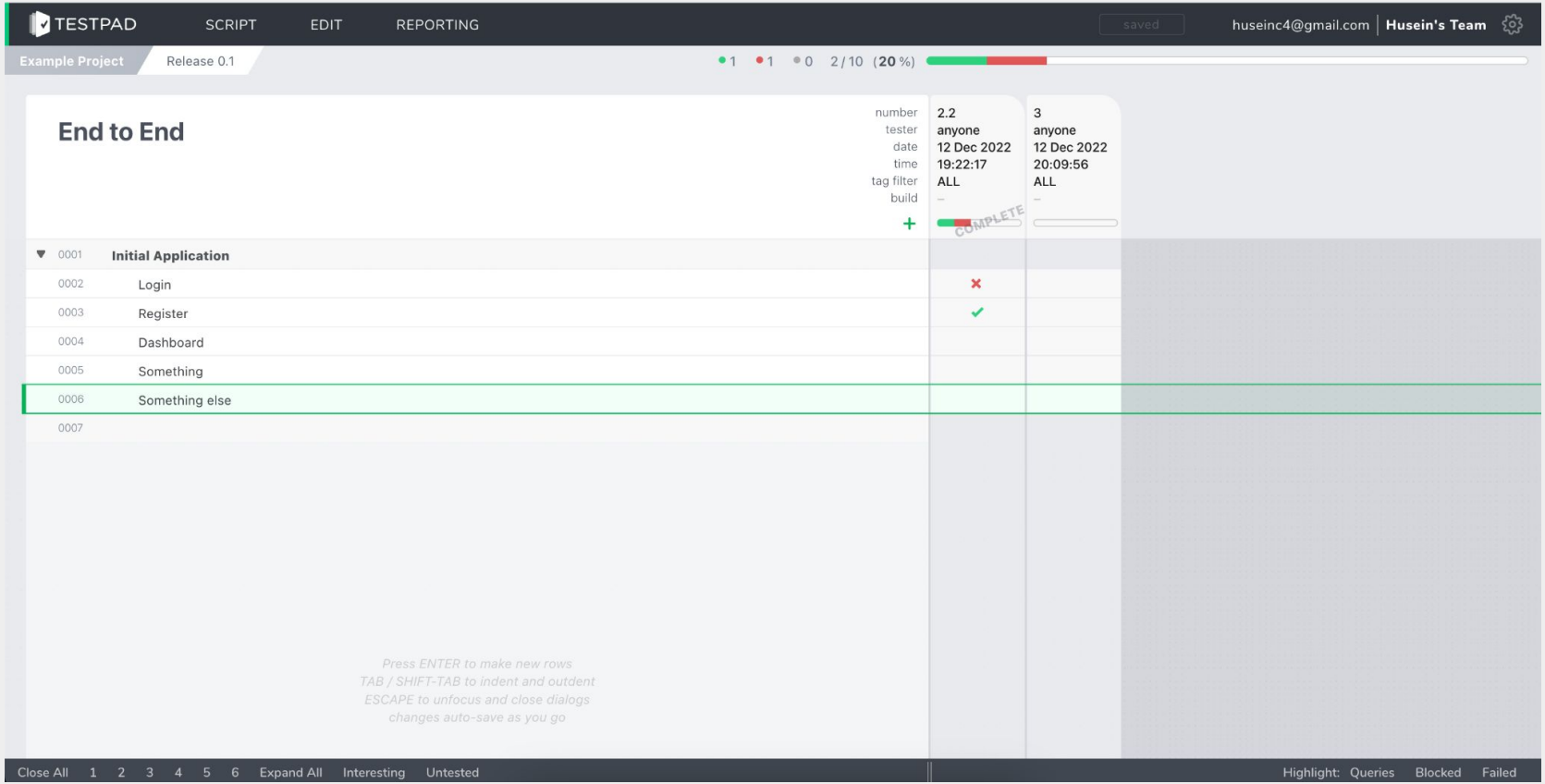
- *Test Rail*
  - web-based test management tool
  - QA based tasks
  - for automated and manual testing
  - Jira plugin



- *Tricentis*
  - management software for automated tests
  - for DevOps
  - Atlassian tool

https://media.gurock.com/gk-media/screenshots/TestRail-New-Homepage-Hero-2022v2.jpeg Permission - © 2003-2022 Gurock Software

Similar Tools (main inspiration): *Testpad*



Main Features

- three different roles: admin, project owner and reviewer

Admin

- account management

Project Owner

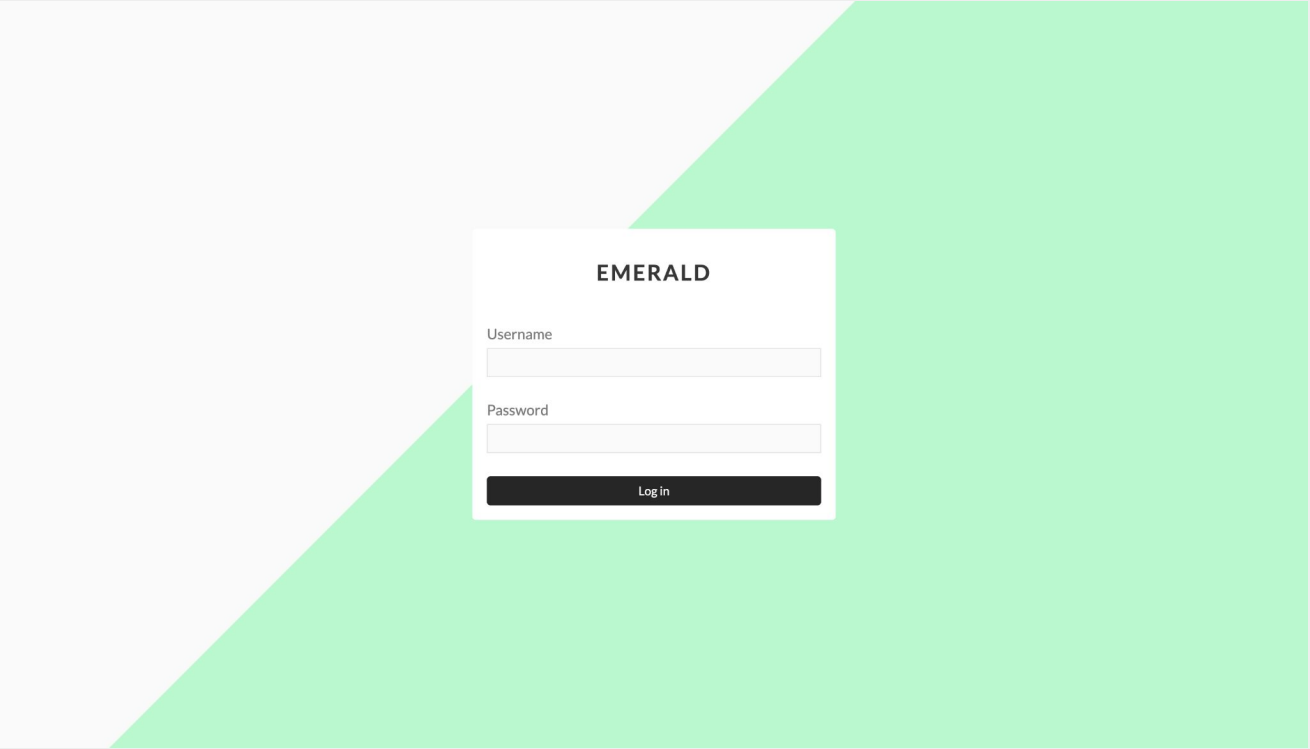
- review management
- reviewer assignment
- progress monitoring
- review results access (individual and overall)
- review monitoring through time (e.g. monthly statistics)
- creation of reviewer’s account

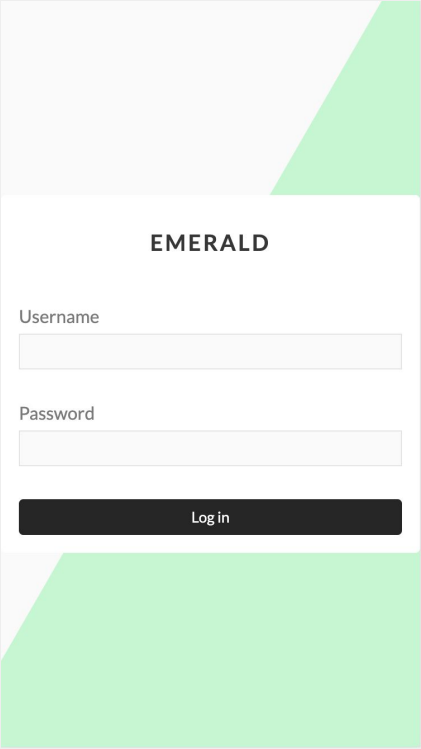
Reviewer

- performing evaluations

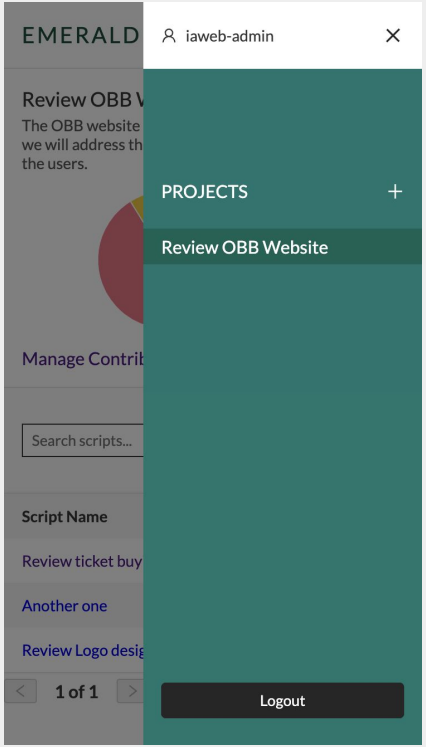
Common Screens Overview

Login


EMERALD
Username
Password
Log in

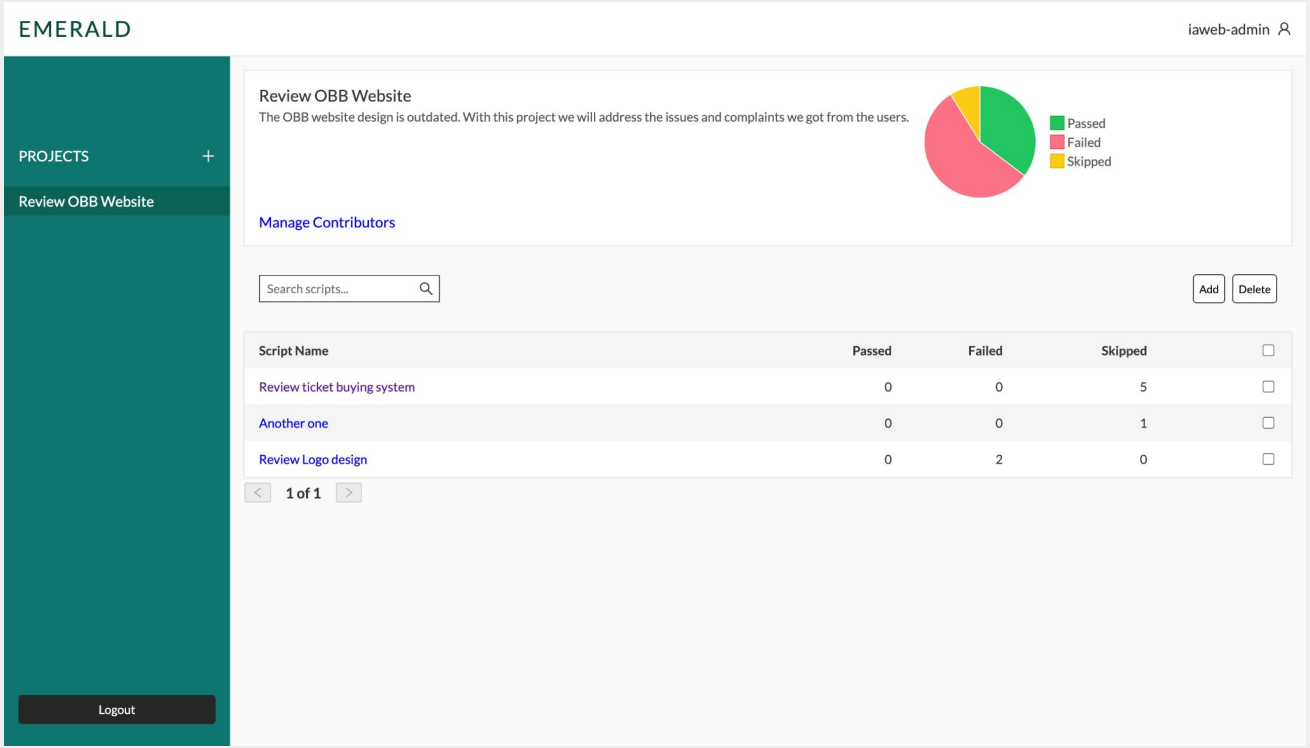

EMERALD
Username
Password
Log in

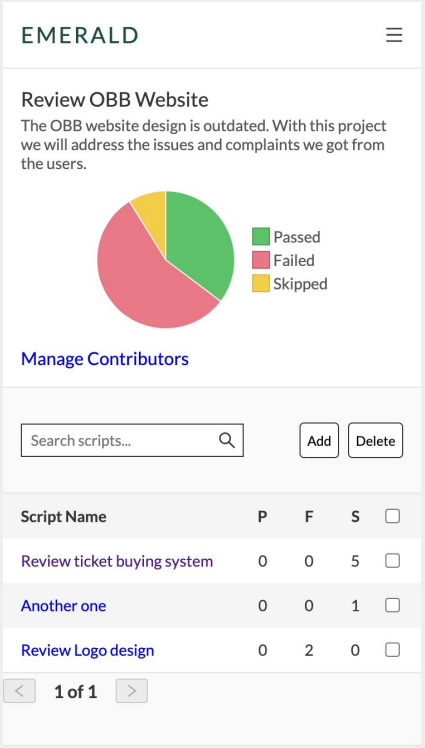
Mobile Sidebar



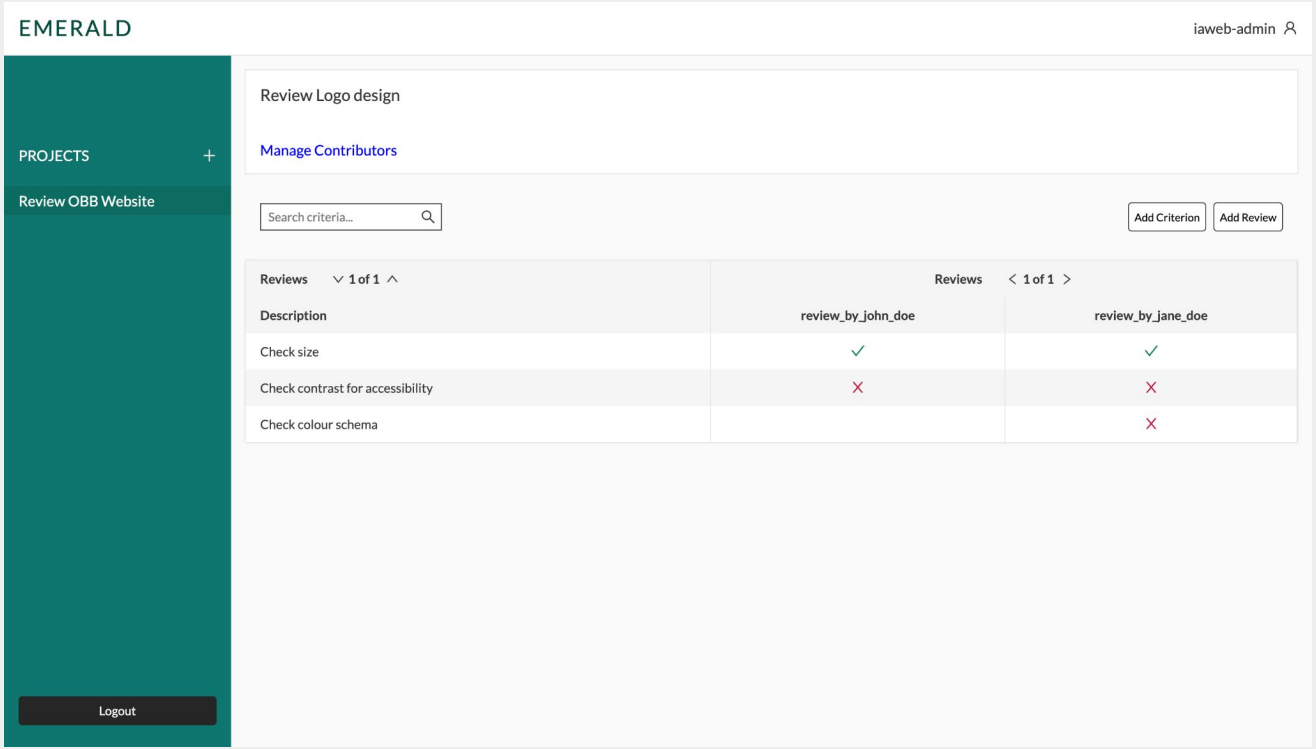
Admin/PO Screens Overview

Project Dashboard





Script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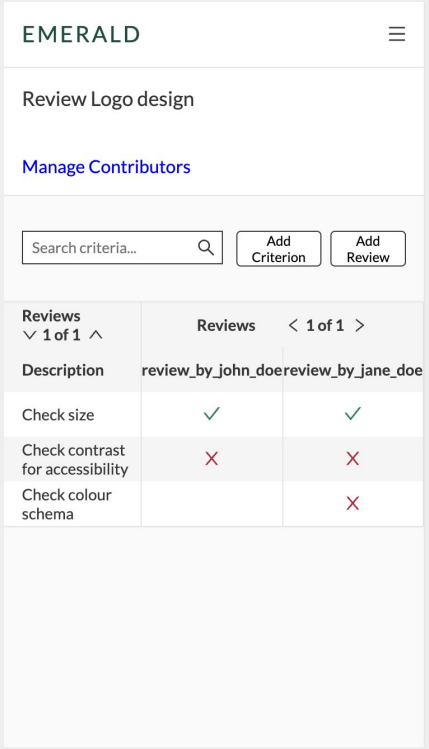
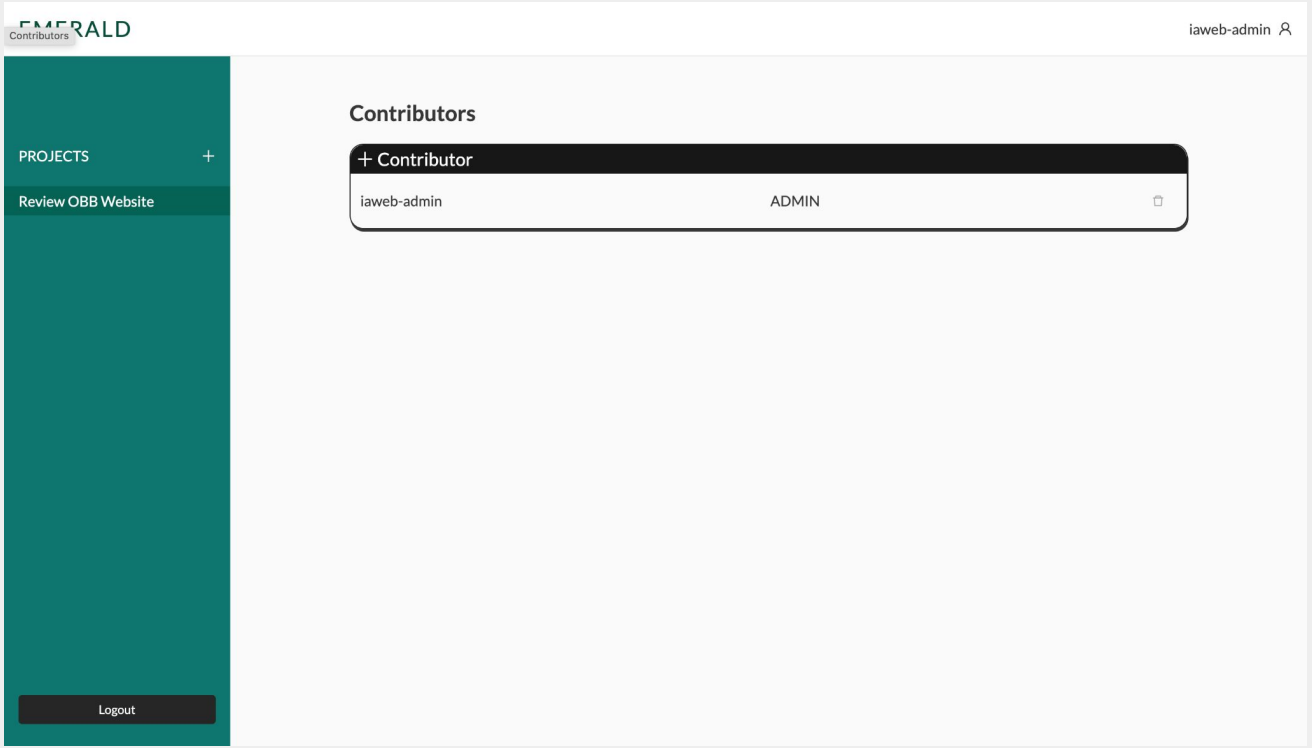
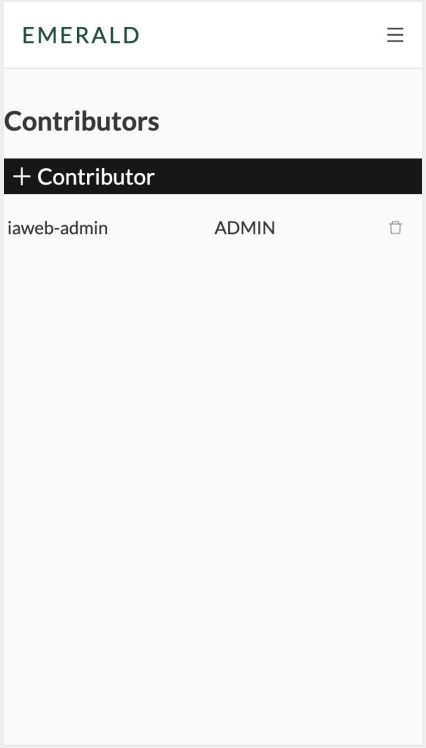
iaweb-admin
PROJECTS
Review OBB Website
Logout
Review Logo design
Manage Contributors
Search criteria...
Add Criterion
Add Review
Reviews
1 of 1
Reviews
1 of 1
Description
review_by_john_doe
review_by_jane_doe
Check size
Check contrast for accessibility
Check colour schema

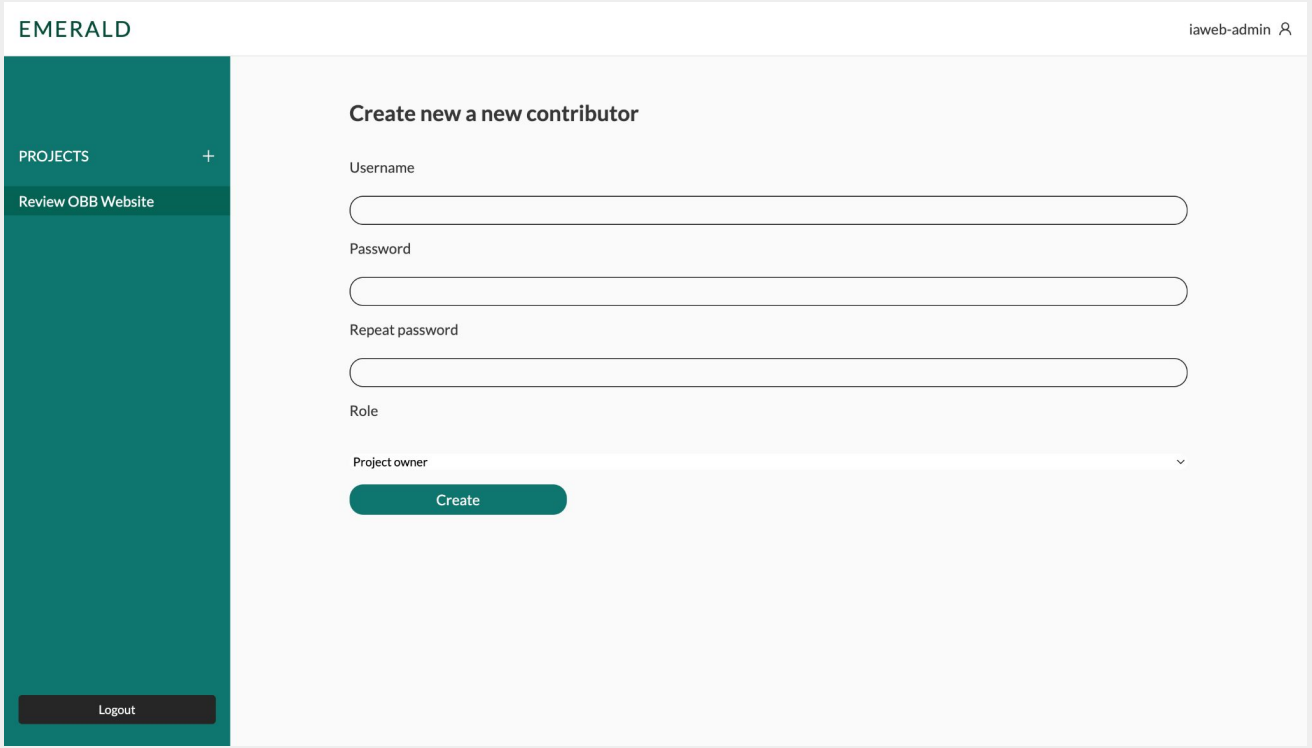

EMERALD
Review Logo design
Manage Contributors
Search criteria...
Add Criterion
Add Review
Reviews
1 of 1
Reviews
1 of 1
Description
review_by_john_doe
review_by_jane_doe
Check size
Check contrast for accessibility
Check colour schema

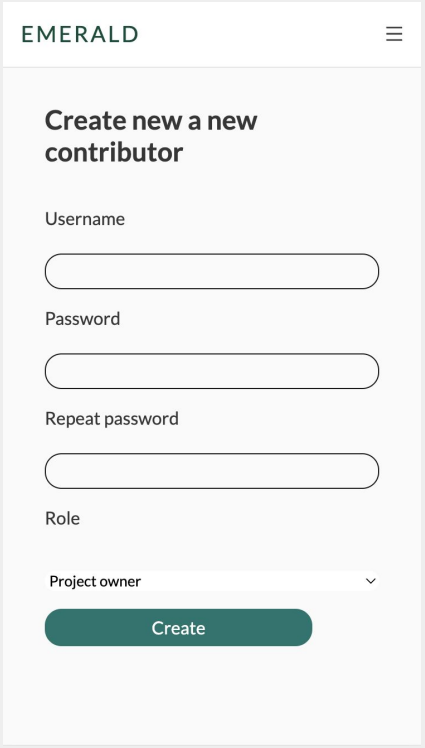
Contributors Managing



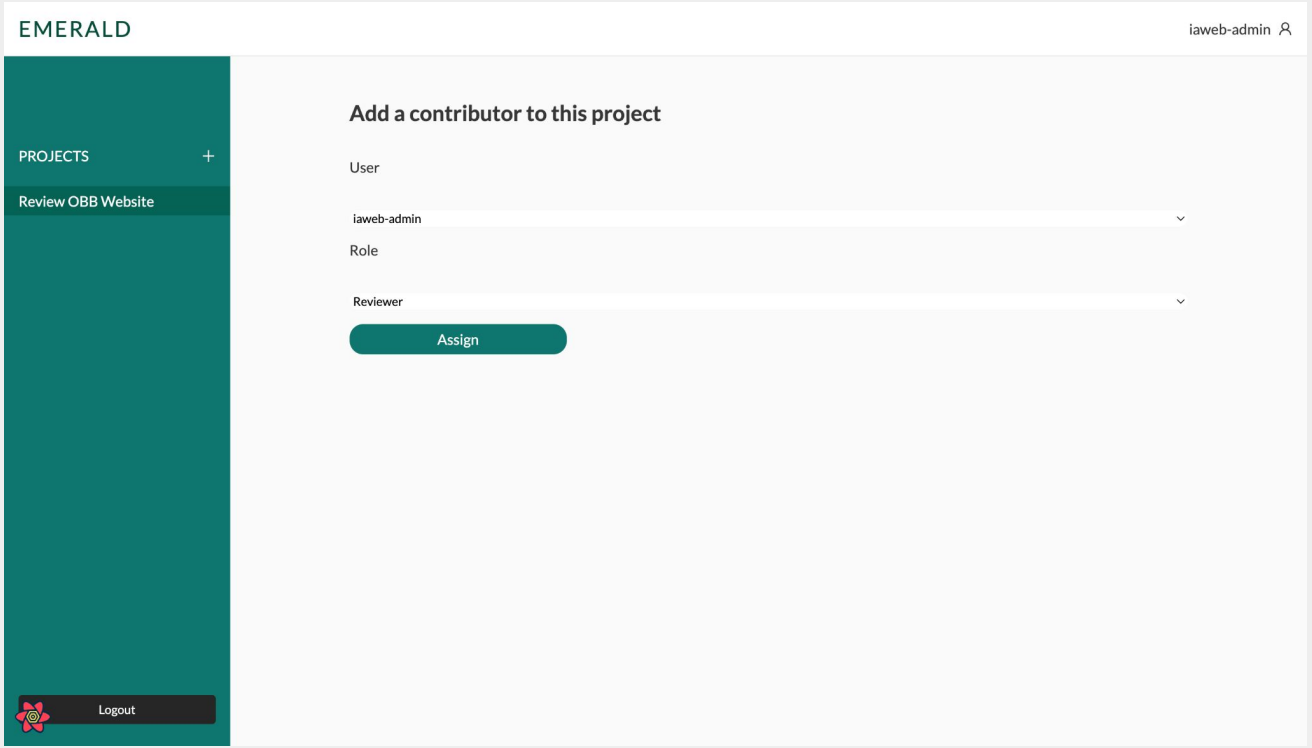


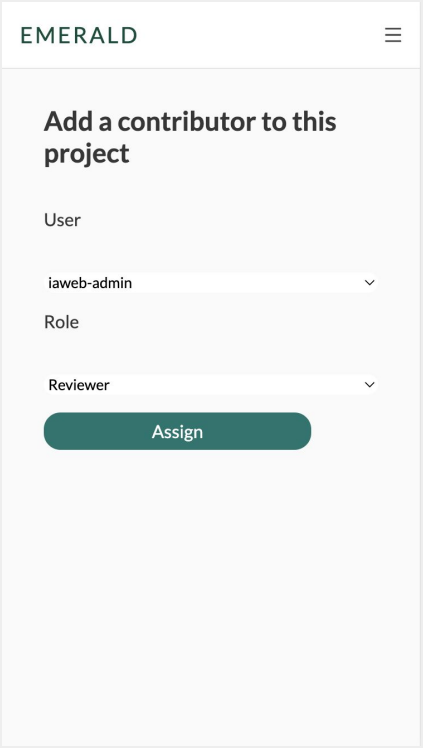
Contributor Creation





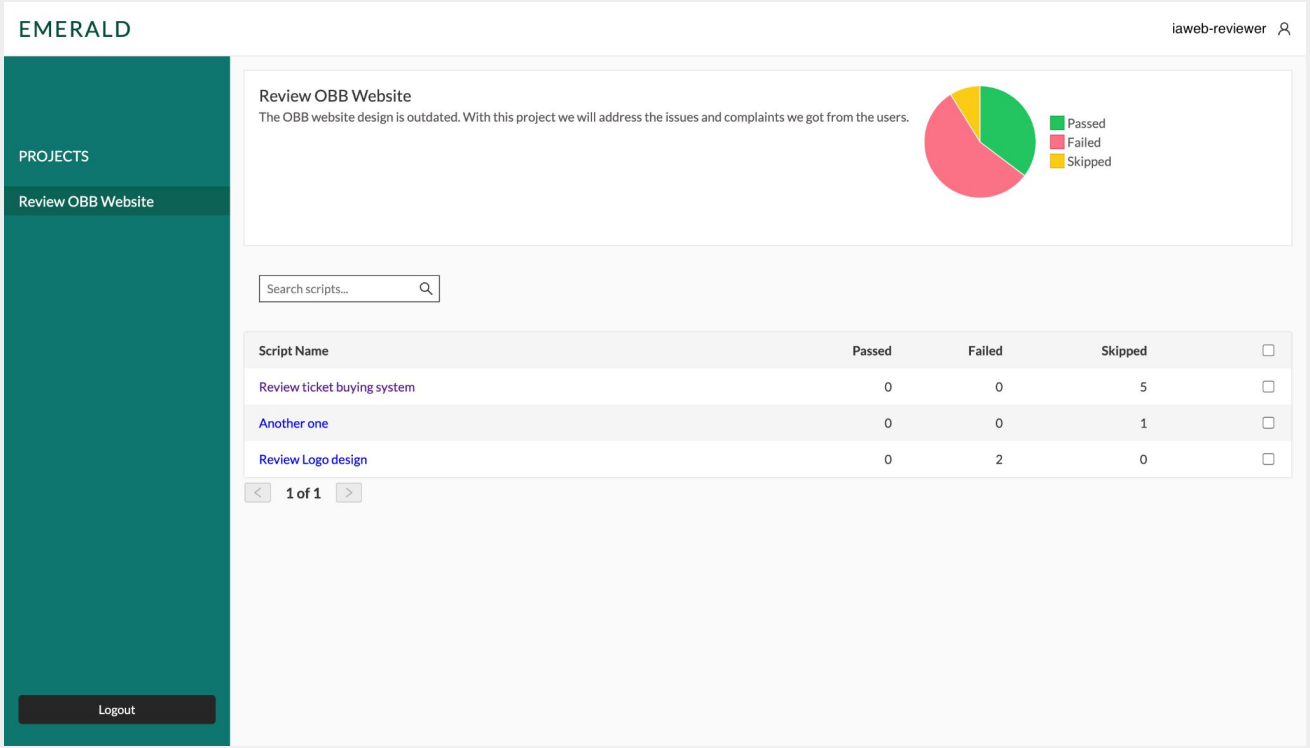
Contributor Assignment

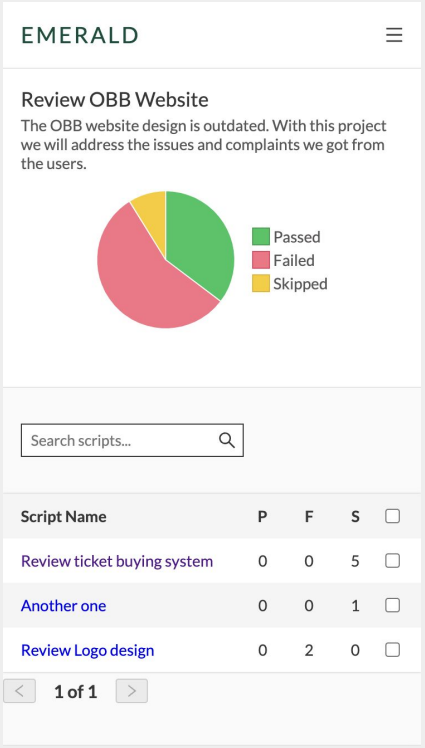




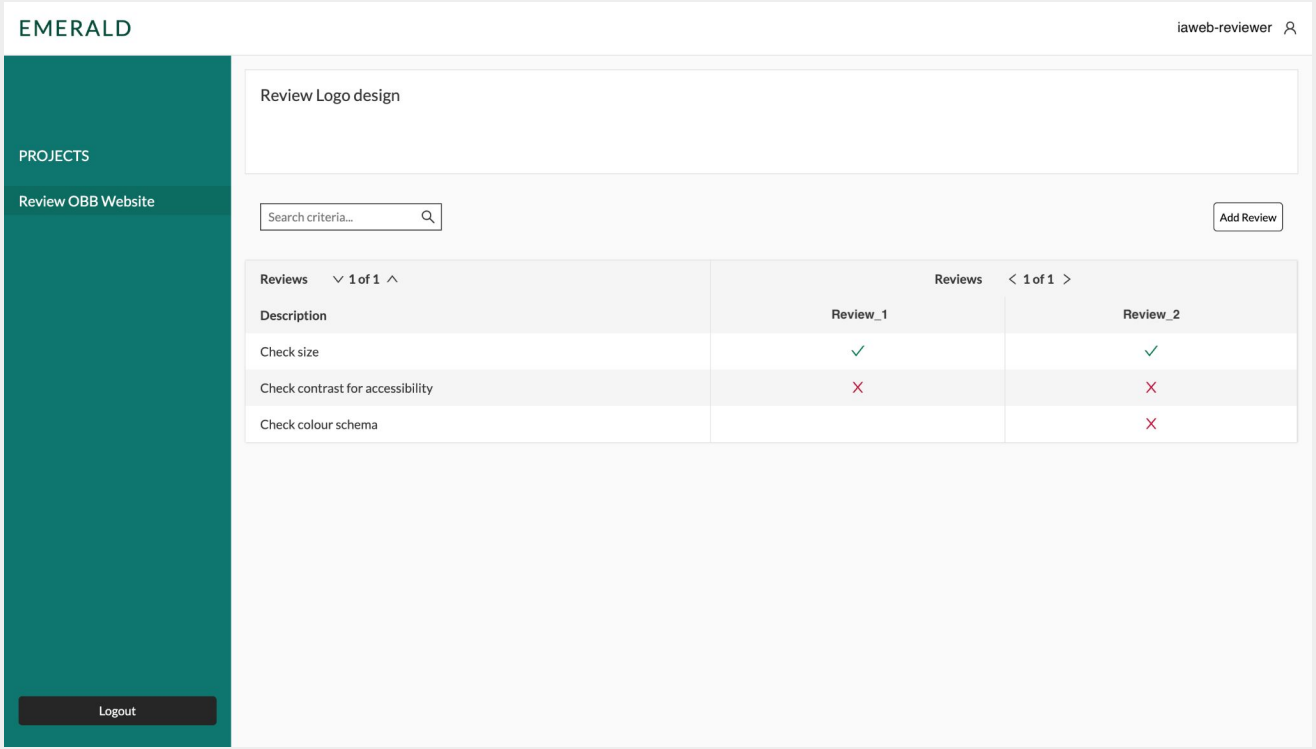
Reviewer Screens Overview

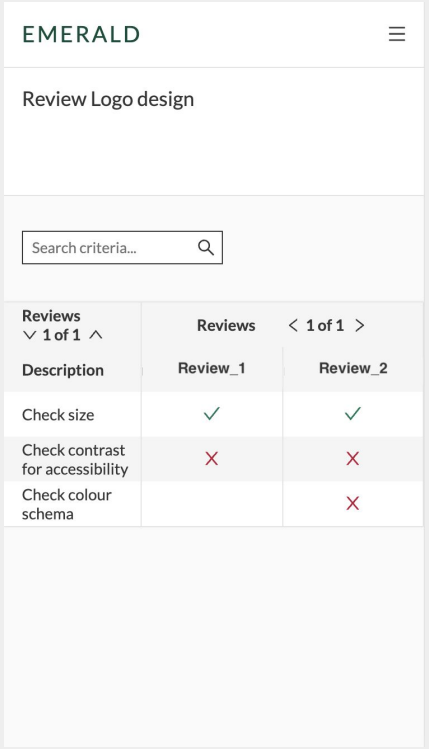
Project Dashboard





Script


EMERALD
iaweb-reviewer
PROJECTS
Review OBB Website
Logout
Review Logo design
Search criteria...
Add Review
Reviews
1 of 1
Reviews
1 of 1
Description
Review_1
Review_2
Check size
Check contrast for accessibility
Check colour schema


EMERALD
Review Logo design
Search criteria...
Reviews
1 of 1
Reviews
1 of 1
Description
Review_1
Review_2
Check size
Check contrast for accessibility
Check colour schema

Current Application State

Demo: emerald-hcausevic.vercel.app

Future Work

- other criterion evaluation systems (e.g. point based)
- database model reevaluation
- error handling across the app
- better table interactivity (e.g. sorting, advanced filtering)
- keyboard support
- collapsable criteria groups
- prioritization
- password changing
- roles alternation