CM4025: Web System Sample Submission Template

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**Submissions**

|  |  |
| --- | --- |
| Working URL | http://13.74.128.220:3000/ |
| GitHub Repository | https://github.com/Sporious/web\_enterprise\_sys\_cw |
| Video | “submitted to Moodle” |

**Requirements**: For each requirement, please enter in the table details about how your web system meets that particular requirement. This is your opportunity to clarify your web system.

|  |  |
| --- | --- |
| Context | This is an AB testing site to determine the most instantly appealing and cute animals from a set |
| A/B tests | My testing system gives the user two cute animal pictures to click on. The only distinction is the difference between the images |
| Test metrics | User time to make a selection is recorded, as well as results from the selection |
| Experimenter Dashboard | The dashboard shows how many votes each option received, the percentage of the vote, total votes, and average time spent considering the choice |
| External Data/Database usage | Image data retrieved from external sources. PostgreSQL database contains test data and results data. |
| User accounts | New accounts may be created. Accounts have two levels, user and admin. Admin accounts may reset the tests. User accounts or admin accounts may participate in the features of the site |

**Stack description (including frameworks and packages used)**

PostgreSQL – database

React – client side JS

node – Javascript web server

NextJS – extended React

Apollo – GraphQL server

Prisma – ORM

TypeScript – Main development language

JsonWebToken – for authorisation

**Any special instructions for using your web system (including test user name and password if appropriate)**

theMarker : Totallynotamadeuppassword123!

DarthAssessor : Becomethemaster42!

testuser : Password123

The above are all set up as admin accounts. A user account may be created through the register part of the login screen.

**To run the system locally:**

npm install must be ran in the client and server directories

.env file must be created in *server* with keys DATABASE\_URL and SECRET

npx prisma migrate dev -–preview-feature (in server fold) ; this will initialise PostgreSQL based on .env in server folder

npx prisma studio ; postgresql web IDE will open on port 5555 without auth access, or when using ./dev.sh in main root of directory

for production ./production.sh may be used

**Any other comments or notes**

No HTTPS

No way to elevate user to admin without database access