Rapid Lean UX

# Personas

The first step to this process will be to look at the different personas that will be using the application and consider what they might need from the application, then from these needs and the requirements we can create a list of features that will be included in the application to meet the needs of the project to make our solution suitable.

|  |  |
| --- | --- |
| **Clinician** | **Patient** |
| * Using the app to test patients * Needs to have unique account * Have all test resources present for ease-of-use – All SDSA tests and instructions * Store all test results for reviewing * Keep results separate based on patient id * Simple to use and explain * Fast performance on a variety of devices | * Need to be able to complete tests to best of their ability * Application should not impede on their ability * May need accessibility options * Needs to be in correct language and relevant road signs |

# Features

## Login System

The login in system will need to allow the clinician to enter their email and password for authentication which if correct, will let them access the application. They should then be able to set up the application for patient to take the tests, this will involve them entering the patient details and select language/region options, once these have been completed the clinician needs a way to start the tests.

## SDSA Tests

All the SDSA tests should be present in the application along with the necessary instructions which must be displayed for the clinician to read out before each assessment. All tests should be displayed clearly with an intuitive layout and simple interaction to allow the patient to take the assessment without being impeded by poor design or complex interactions. The tests should have their respective time limits enforced and the necessary results recorded to input into the final algorithm to calculate if the patient has passed or failed.

## Results

Once all the tests have been completed by the patient the application will then need to calculate the result using the SDSA algorithm which can then be viewed by the clinician, this result should also be saved to the database along with the patient details.

# Paper Prototype

|  |  |
| --- | --- |
| Patient Details | Dot Cancellation |
| C:\Users\Alexander\Desktop\To edit\patient setup.JPG | C:\Users\Alexander\Desktop\To edit\Dot cancellation.JPG |
| Square Matrices Compass | Square Matrices Directions |
| C:\Users\Alexander\Desktop\To edit\Matrices directions.JPG | C:\Users\Alexander\Desktop\To edit\Matrices Compass.JPG |
| Road sign Recognition | |
| C:\Users\Alexander\Desktop\To edit\RSR.JPG | |