

# Quality Assurance: Anpr App Manual Testing

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## Purpose

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The purpose of this assignment is to gain insight about your knowledge/skills in manual testing, as well as in test-planning under time & resource constraints.

## Timeline

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Assignment time-limit: 3 hours

You're not expected to demonstrate complete knowledge of QA best practices in this very limited assignment.

## Overview

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You are provided with a web app inside a docker image, you need to start that app and test it certain pages.

### Tasks:

- Run application docker image
- Test Login page, Report -> report and Settings -> User tabs only, see [images section below](#).

**Note:** You are **NOT** expected to report all kind of cases. You need to *find the failure cases first* and include them in the report, then if you want to you can add other cases.

### Deliverables:

- Test cases excel Report. (Download the [Template here](#) and fill it)

## Instructions

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1. Familiarize yourself with basics of docker and Run the docker image on your system

- pull docker image i2vdocker/qa-test:latest using `docker pull`
- run a container using this image (using `docker run`), forward port 4777 : `docker run -it -p 4777:4777 --name qa i2vdocker/qa-test bash`
- start the 2 required ( `i2vpqsql` and `i2v-analytic-webapp` ) services inside the container using `service service-name start`

- `i2vpgsql` uses port `5432` , so you can verify it is running by checking that this port is occupied (hint: use `netstat` command)
- `i2v-analytic-webapp` uses port `4777` , so you can verify it is running by checking that this port is occupied (hint: use `netstat` command)
- *No need to include any info for this step in your submission*

## 2. Manual-UI test the application

- If you have completed step 1 successfully, you can now use the application
- The application runs on port `4777` , open it in any browser (app doesn't use `https` )
  - default username: `admin` and password: `Admin@12345`
  - when you do this you should get the application login page if you have successfully run and forwarded port in docker
- Test the `Login` page, `report` and `User` sections only in the `Report` and `Settings` tabs. (**Do not** test any other tab in `Settings` or `Report` tabs). see [images section below](#)
- Validate major, top-priority functional features & subfeatures as well as accessibility, content/styling and performance on these pages only.
- Include time estimate for each case.
- Include expected result for each test step.

## Included files as link

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Test cases excel sheet [template](#) you need to download.

[Form to fill for submitting results.](#)

## Submission

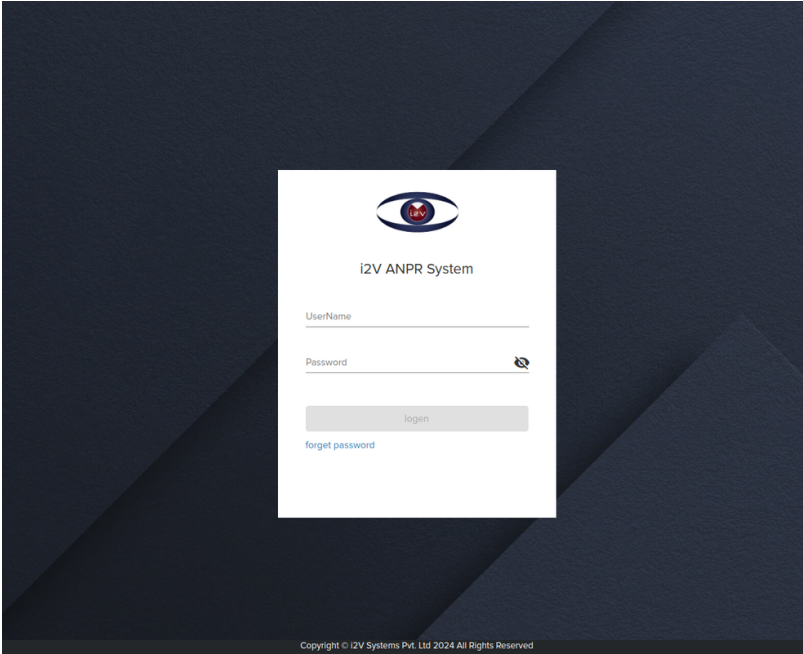
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- Fill the linked [submission form](#) and attach your task results file in the submission form with other details.

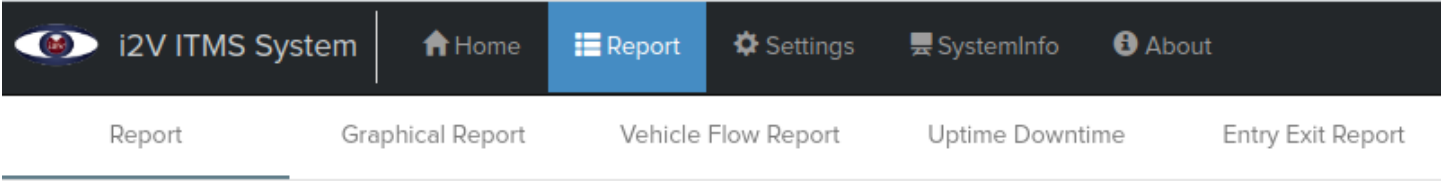
## Images

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Login page:



Report tab:



User tab:

