HW1: Mid-term assignment report

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# Introduction

## 

## Overview of the work

This report presents the midterm individual project required for TQS, covering both the software product features and the adopted quality assurance strategy.

There has been developed a simple webpage to showcase a REST API for air quality information in a specific city, with a Cache service and no long-term storage solution. The main focus however was the quality assurance, mainly through unit tests, integration tests, functional testing and static code analysis however due to time constraints no continuous integration pipeline solution was implemented.

## 

## Current limitations

As previously mentioned there is no CI pipeline implemented, there is only one external API, weatherbit, from which the service retrieves data, meaning the app is reliant on weatherbits API availability in order to work properly.