# Ensek – Meter Reading Software Scope

## Summary:

Create a C# Web API that connects to a database to validate and store Meter Readings that are provided in a csv.

## Software Criteria & Specifics:

This API should be able to consume a provided CSV file in order to validate the records and store records in the database if validation has passed. After processing the number of successful/failed readings should be presented/returned.

Validation Criteria:

* Duplicate entries should not be saved to db
* A meter reading must have a corresponding account linked by AccountId to be valid
* Meter Reading values should be in the format NNNNN

## Project Goals:

* To provide a user-friendly software that’s easy to use
* Meet all software requirements
* Provide documentation to improve user experience
* Provide additional features which may be nice for users to use/have

## Timescales & Deliverables:

I believe it will take me approximately 48hours (as specified in the software specification) to deliver this piece of software.