

Wren: CSV Import

December 9, 2020



Audience

- Stephen Hodges
- Simon Bailey

Objective

Complete an import routine for external CSV data that is to be sanitised and follows the business rules for the project - The supplier provides a stock level and price, which we currently do not store.

The solution must use PHP on an OOP style and MySQL. Code should be clearly laid out and well commented.

Using a command line argument, the script can be run in 'test' mode. This will perform everything the normal process does, except no data is inserted into the database.

Rules

1. Any stock item which costs less than £5 and has less than 10 in stock, should NOT be imported.
2. Any stock item that costs more than £1000 should NOT be imported.
3. No duplicates are allowed.
4. Any other erroneous data exclusions to be reviewed by the developer where he/she feels it appropriate.
5. Any stock item marked as discontinued will be imported, but will have the discontinued date set as the current date, but only where rules 1, 2 or 3 are not violated.

Any items that fail the above tests are to be listed in a report at the end of the process.

Technology

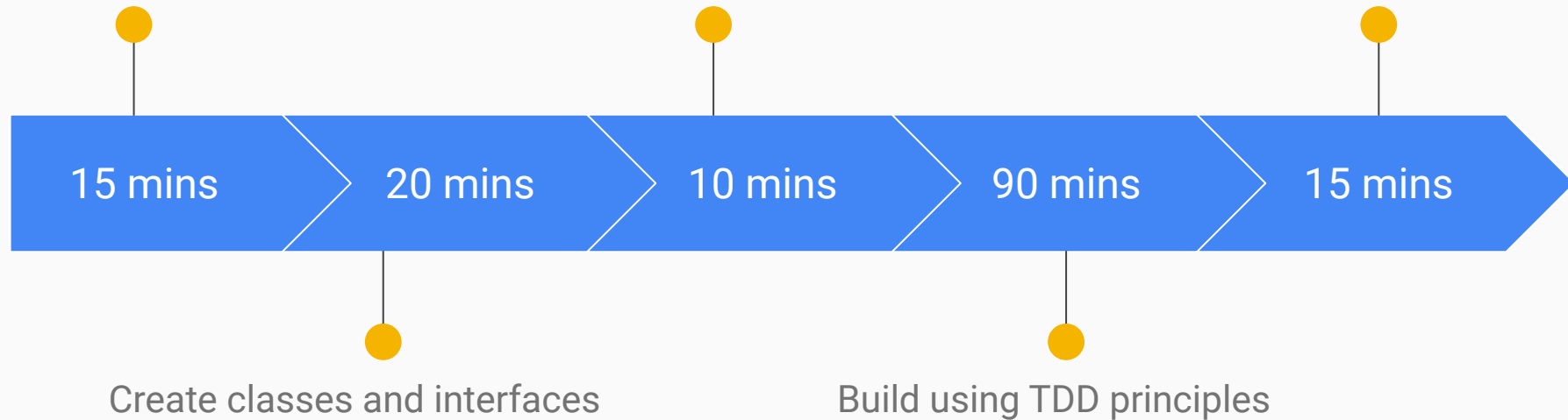
- MySQL
- PHP
- phpDocumentor
- IDE
- Github

Procedure

Define business logic

Create MySQL table and
re-define create query

Create documentation



Requirements and resources

The project should be concluded in line with the previously detailed timeline.

All files, including all planning documentation should be within a repo on Github.

All code to be commented, using phpDocumentor, or standard comments, where appropriate.

PHP Developer

MySQL Developer

Example CSV file