

# Implementation

## Assessment 2

### **Group 5 :**

Callum Watson

Jack Guan

Craig Slomski

Yaseen Khan

Chase Mo

Kamrul Islam

**CI Licensing:**

Copyright (C) 2022 Mike Penz

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

Name	Source	License
LibGDX	<a href="#">BadLogicGames</a>	<a href="#">Apache 2.0</a>
Tiles	<a href="#">tgstation</a>	<a href="#">AGPL 3.0</a>
Font	<a href="#">IBM</a>	<a href="#">OFL 1.1</a>
Background	<a href="#">OpenAI</a> , <a href="#">bigjpg</a> , <a href="#">SIA Webby</a>	None
Keyboard image	<a href="#">Simo Kaupinmäki</a> , <a href="#">Mysid</a> , <a href="#">Ymulleneers</a> , <a href="#">Azaghal of Belegost</a>	<a href="#">GFDL</a> , <a href="#">CC BY-SA 3.0</a>
Chopping sound	<a href="#">MarleneAyni</a>	<a href="#">CC 0</a>
Forming sound	<a href="#">MWLANDI</a>	<a href="#">CC BY 3.0</a>
Fridge spund	<a href="#">gamedog74</a>	<a href="#">CC 0</a>
Grill sound	<a href="#">joanaseabra</a>	<a href="#">CC 0</a>
Serving sound	<a href="#">AlaskaRobotics</a>	<a href="#">CC 0</a>
Trash sound	<a href="#">deleted_user_7146007</a>	<a href="#">CC 0</a>
Tiled	<a href="#">Tiled</a>	<a href="#">Apache 2.0</a> , <a href="#">BSD 2 Clause</a> , <a href="#">GPL 2.0</a>
Kryo	<a href="#">Kryo</a>	<a href="#">BSD 3-Clause "New" or "Revised" License</a>
Java Tuples	<a href="#">Java TUPles</a>	<a href="#">Apache License Version 2.0</a>
Junit	<a href="#">JUnit</a>	<a href="#">Eclipse Public License 2.0</a>
XL Food Mod	<a href="#">XL_Food_Mod</a>	<a href="#">GNU General Public License v3.0</a>
Action Junit Report	<a href="#">Action Junit Report</a>	<a href="#">Apache License. Version 2.0</a>

All the licenses we have used fall either under an open source , free use or copy-right free which is appropriate for our project and allows us to use said software, libraries and assets. All the licences allow us to modify , distribute and commercially benefit from the product if the client wishes to do so. In the case of background we created the image ourselves using AI meaning no licence is required for that asset.

Due to time constraint and risk of breaking the build some features were not implemented or fully implemented.

UR\_SCENARIO\_2 - None of the scenario modes is configurable; the number of customers is hard coded to be 5,10 and 15 for easy, medium and hard respectively. This is mainly due to the time constraint of having to create new UI and then implement them.

NF\_CODE\_2 - Some of the machines are refactored into a dictionary to allow for data use, machines such as tray and bin were not refactored in due to risks of breaking the build because of how they were implemented originally

UR\_BONUS\_2 - All customers give the same amount of money however there is a powerup which gives the user more money.