

Architecture

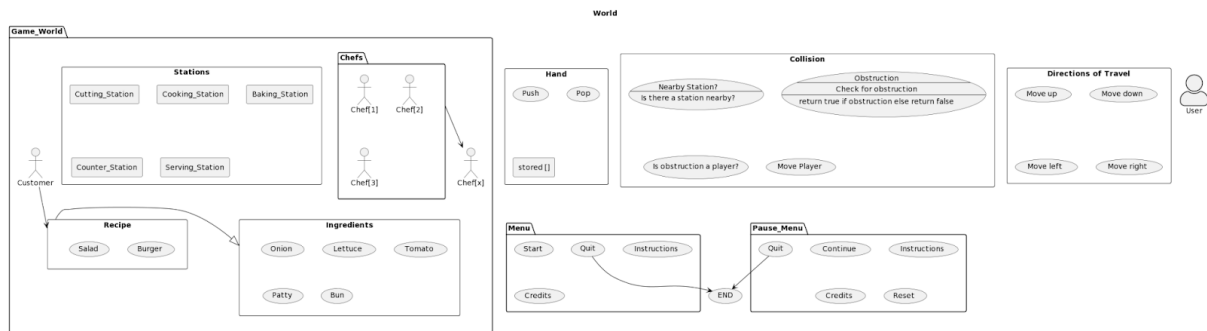
Team 7 - Broken Designers

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Morgan Francis
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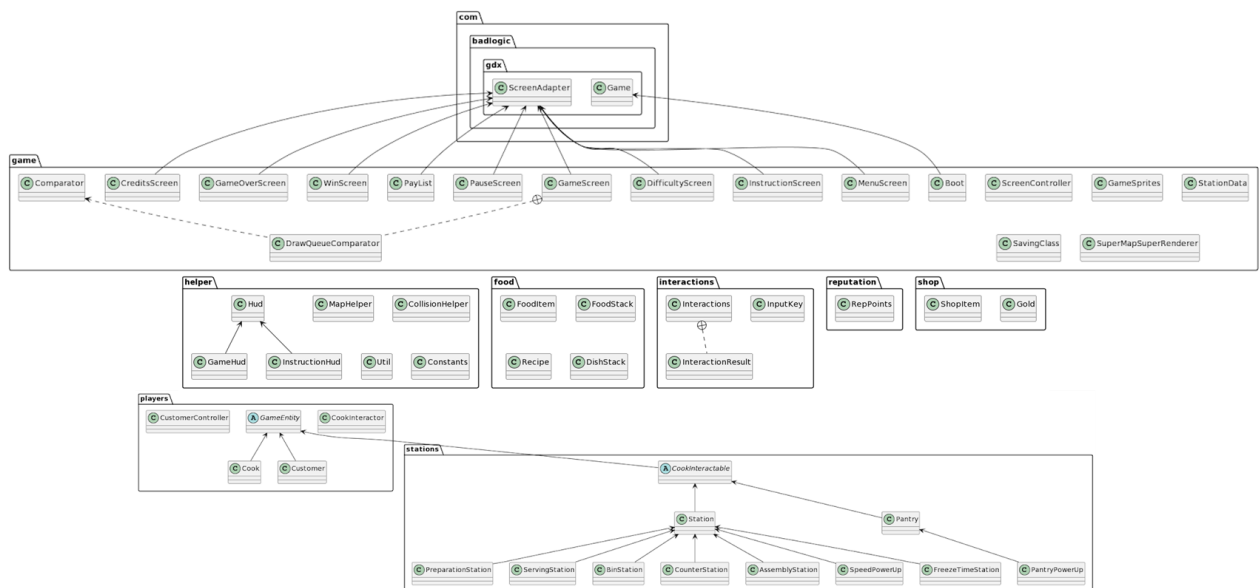
UML Tools

All of the architecture diagrams provided are drawn using PlantUML. There is a combination of structural (class) diagrams, product use cases, and behavioural (state and sequence) diagrams. PlantUML is widely used in the field of architecture design for software engineering. The IntelliJ built-in UML generator was used to create the detailed class diagrams to ensure they were completely accurate and up-to-date.

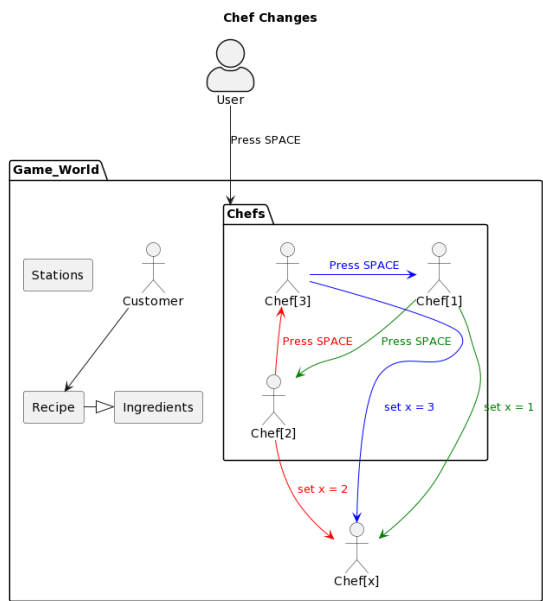
Product Use Case UML



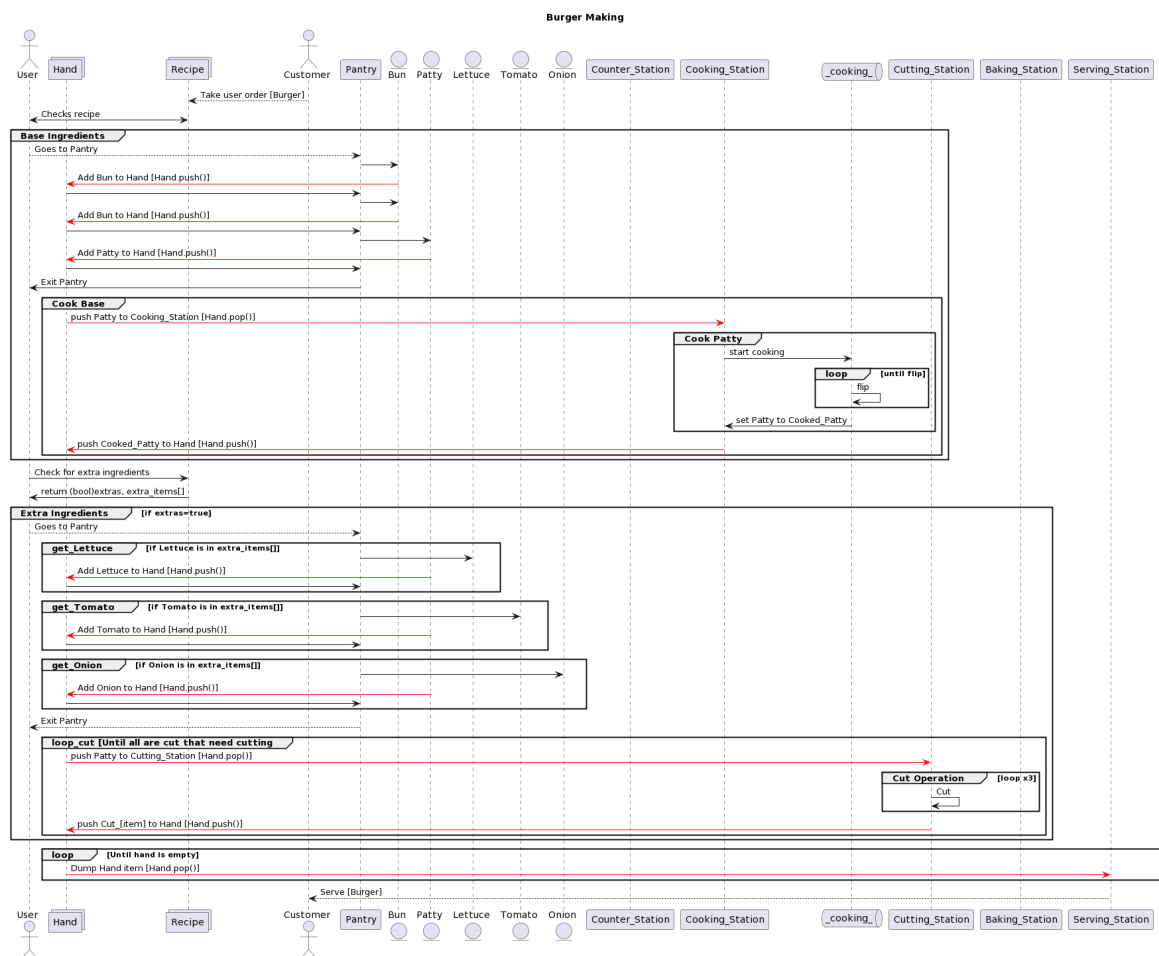
Final Product UML



Control diagrams



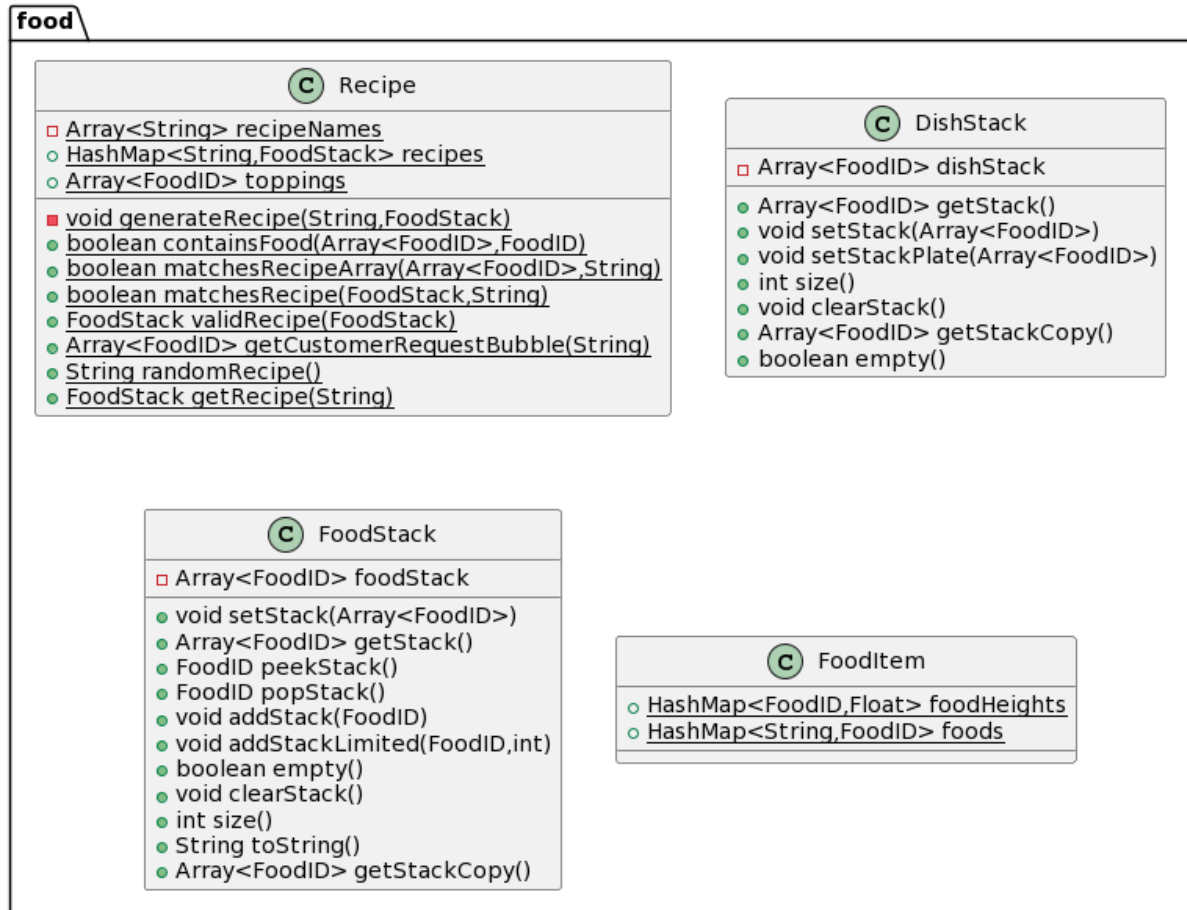
Sequence diagram - making a burger



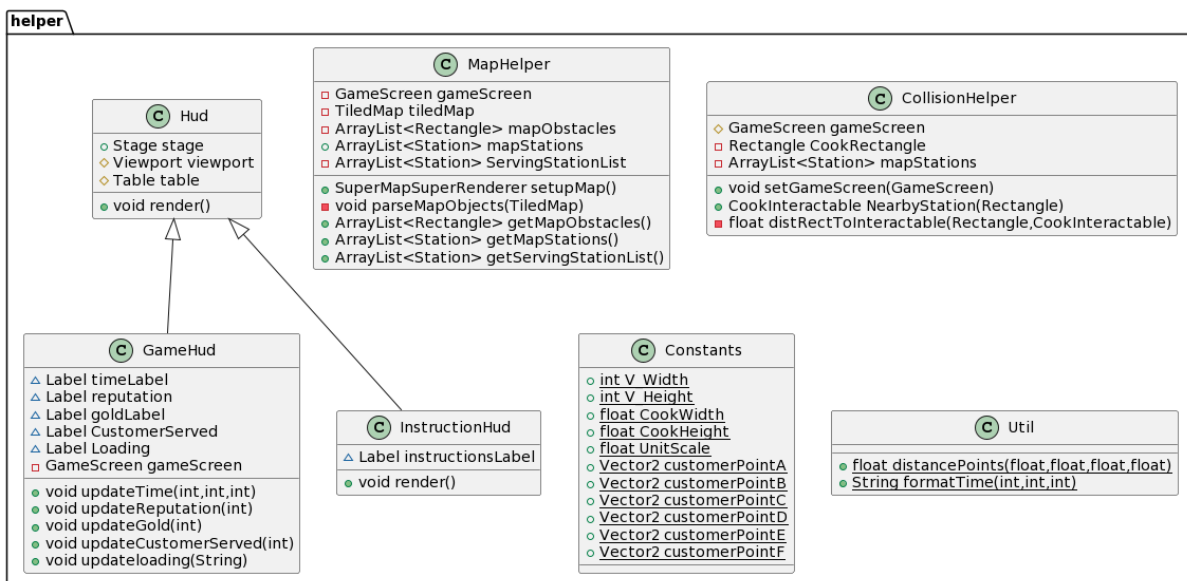
Detailed class diagrams

We have included a detailed class diagram containing all of the classes, methods, and attributes for each package.

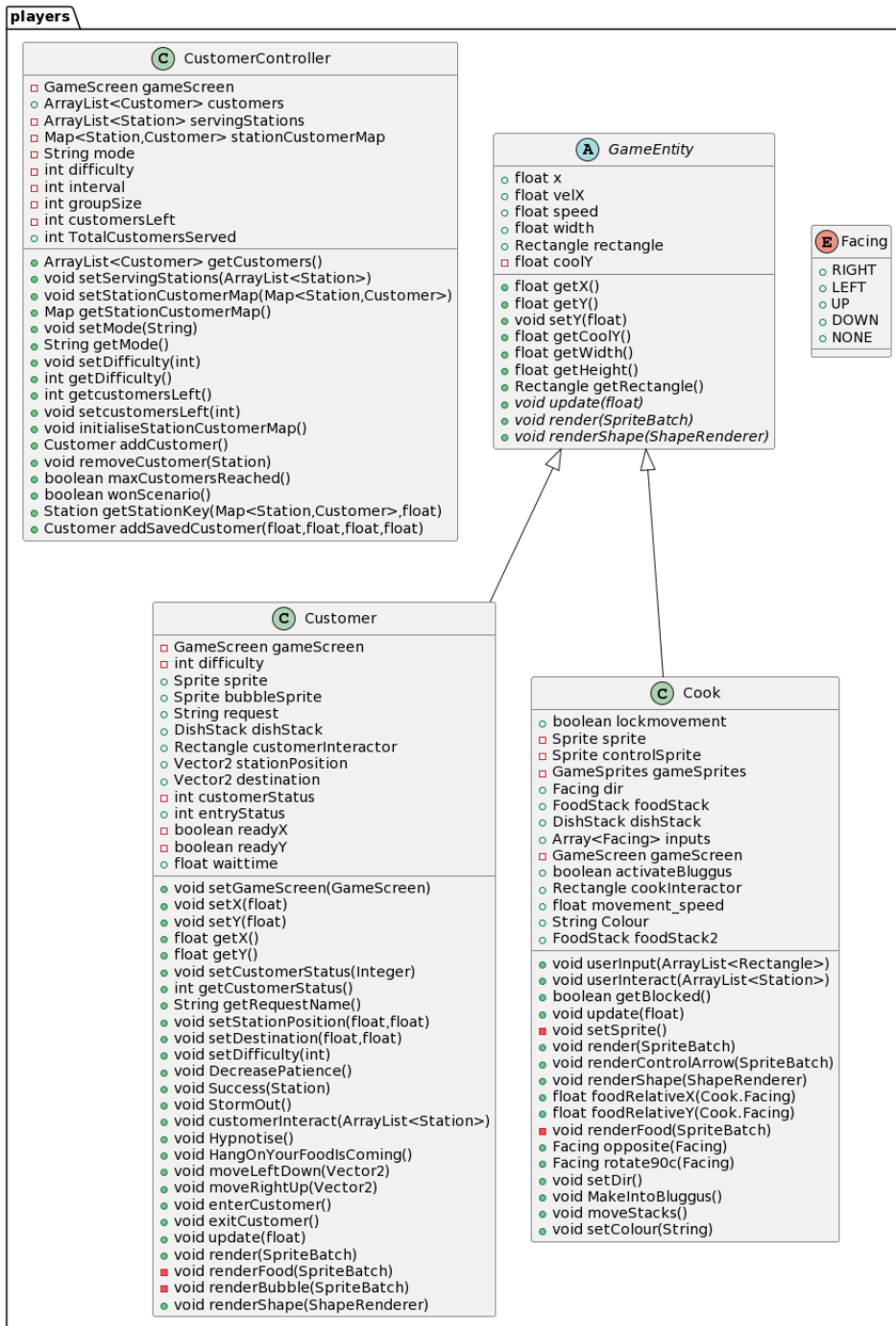
Package 'food'



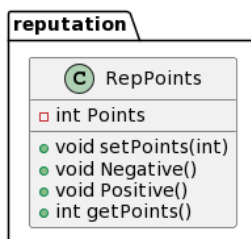
Package 'helper'



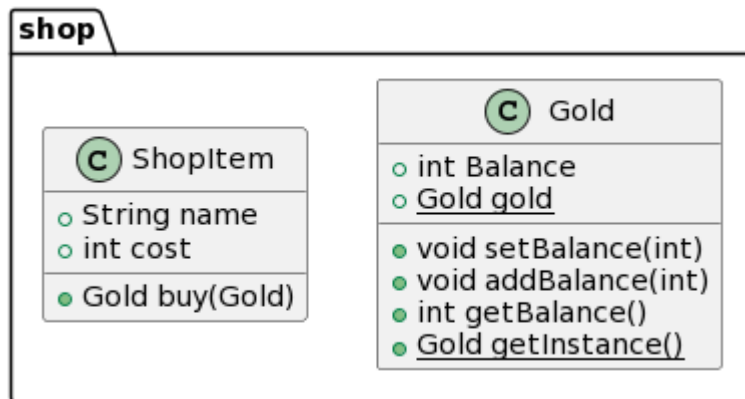
Package 'players'



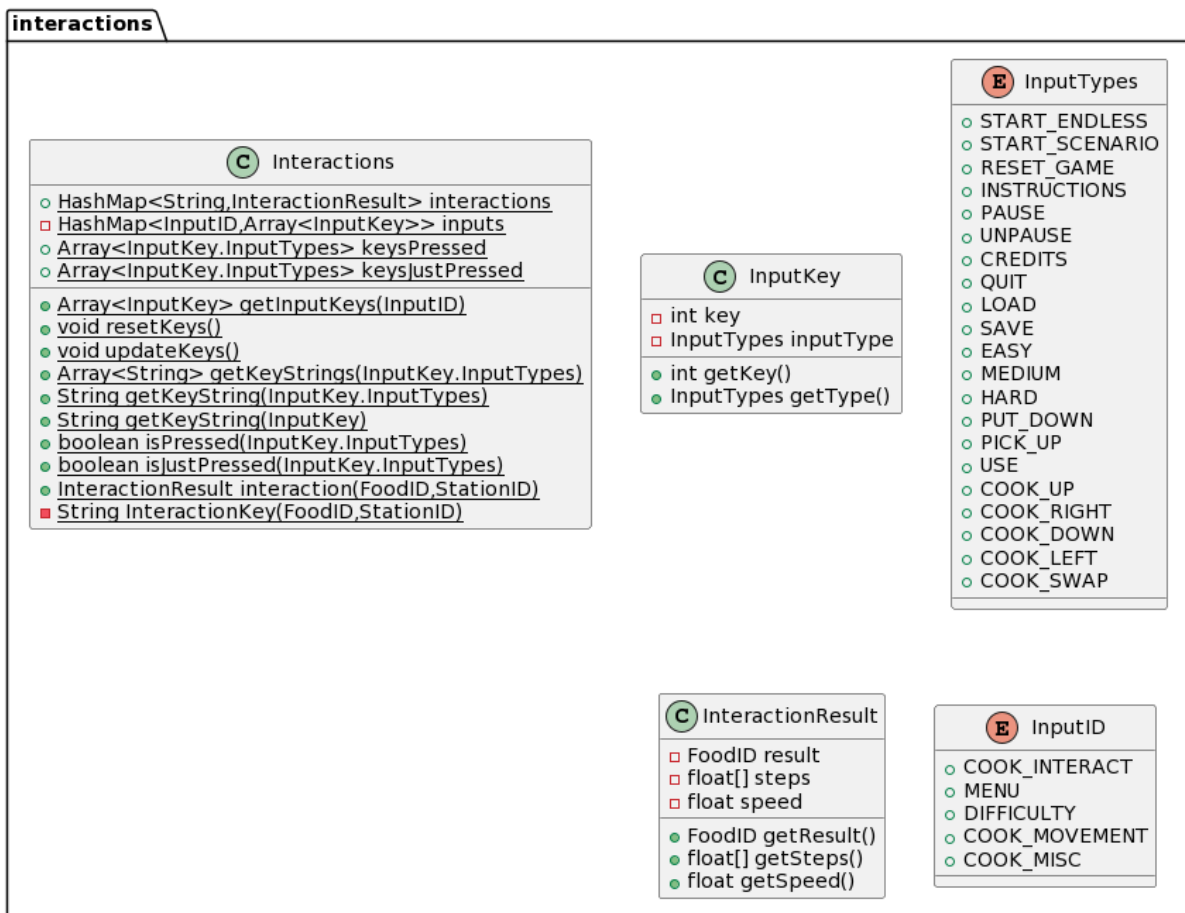
Package 'reputation'



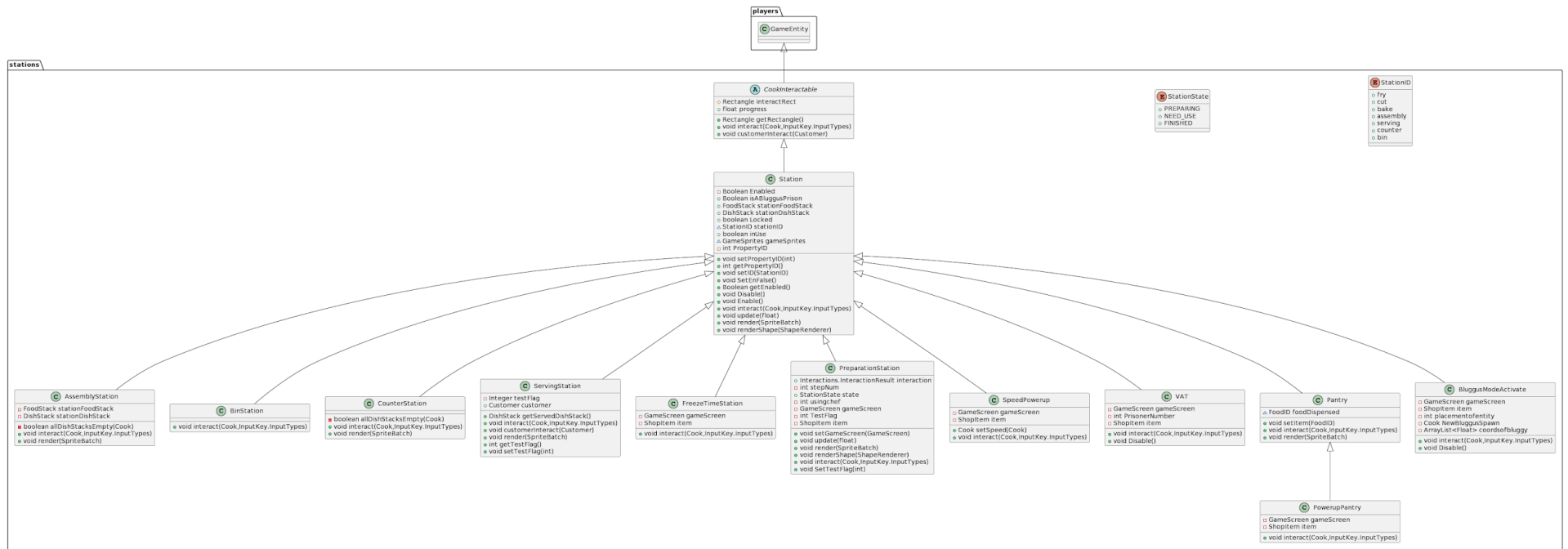
Package 'shop'



Package 'interactions'



Package 'stations'



Package 'game'

