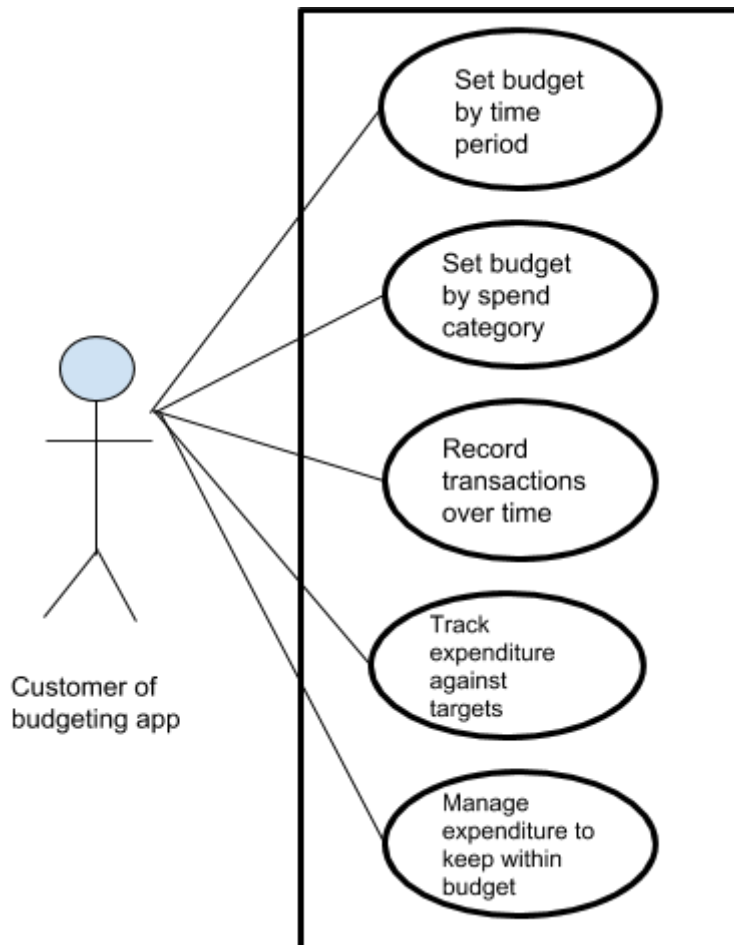


Evidence for Analysis and Design Unit

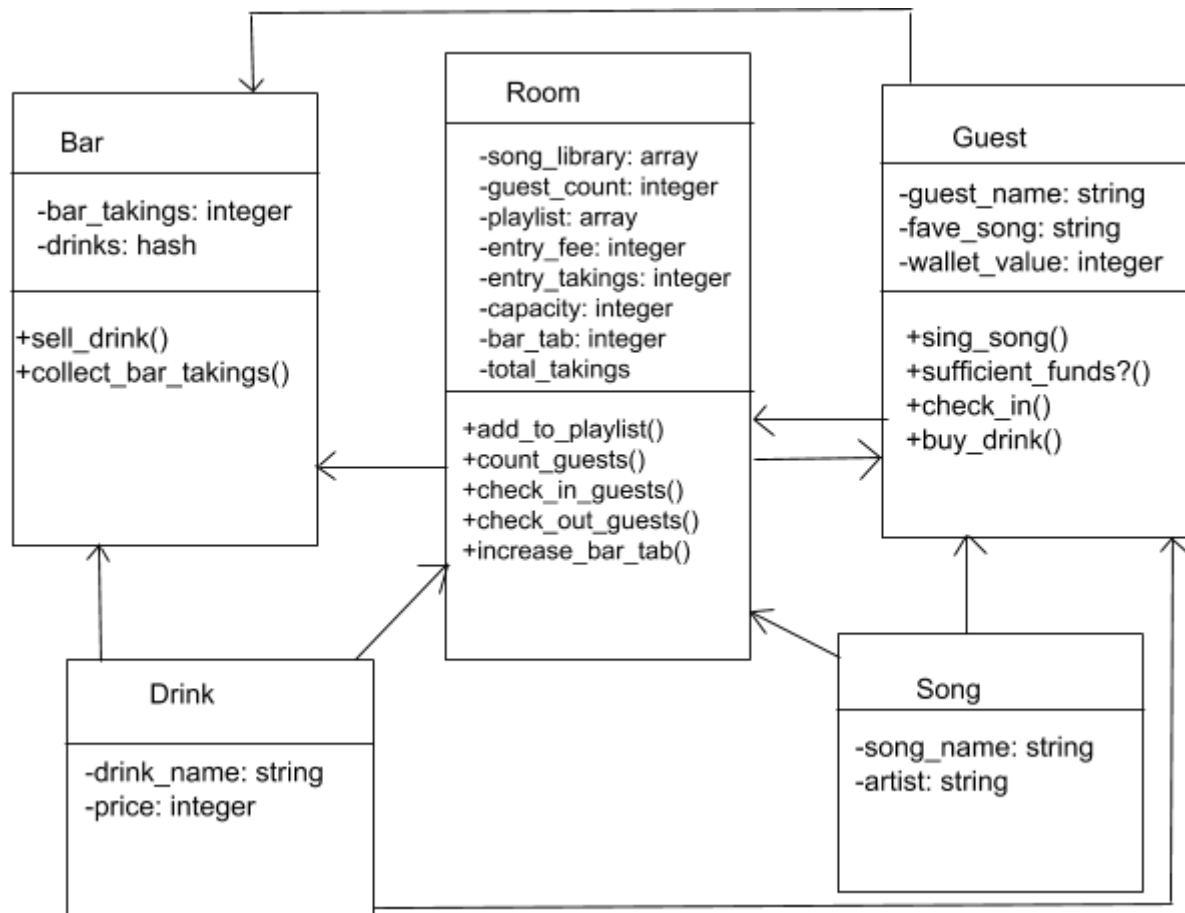
Verity Ashforth

E19

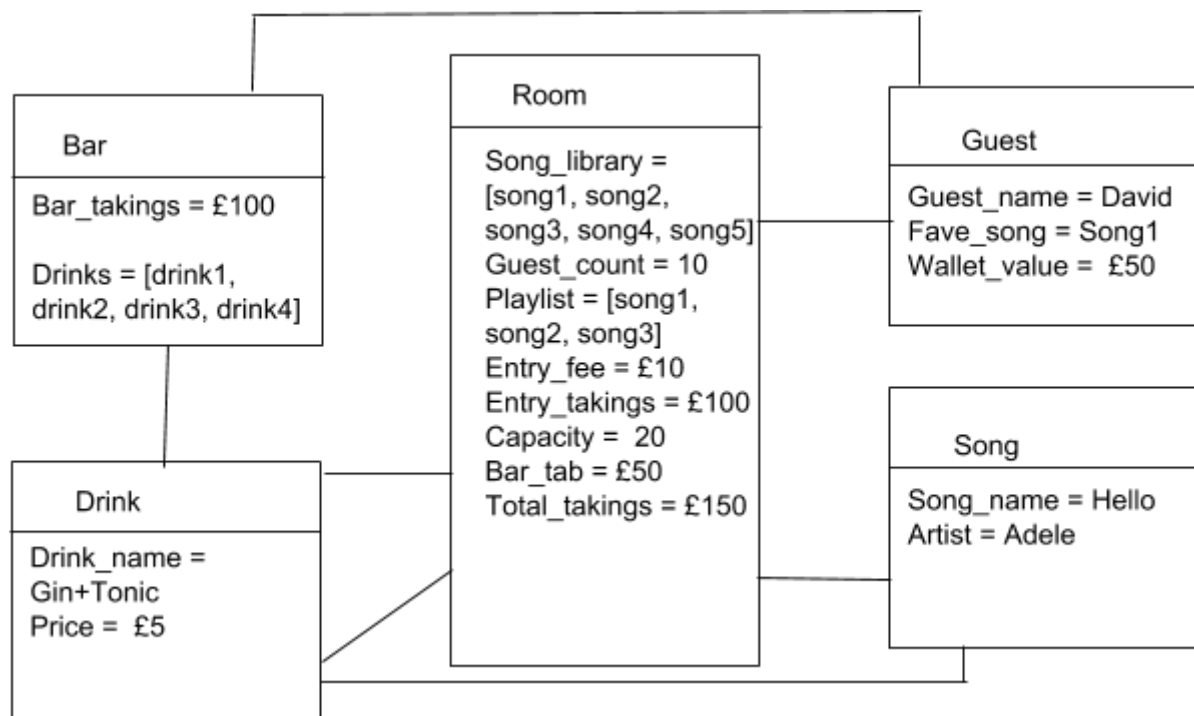
AD1 - Use Case Diagram



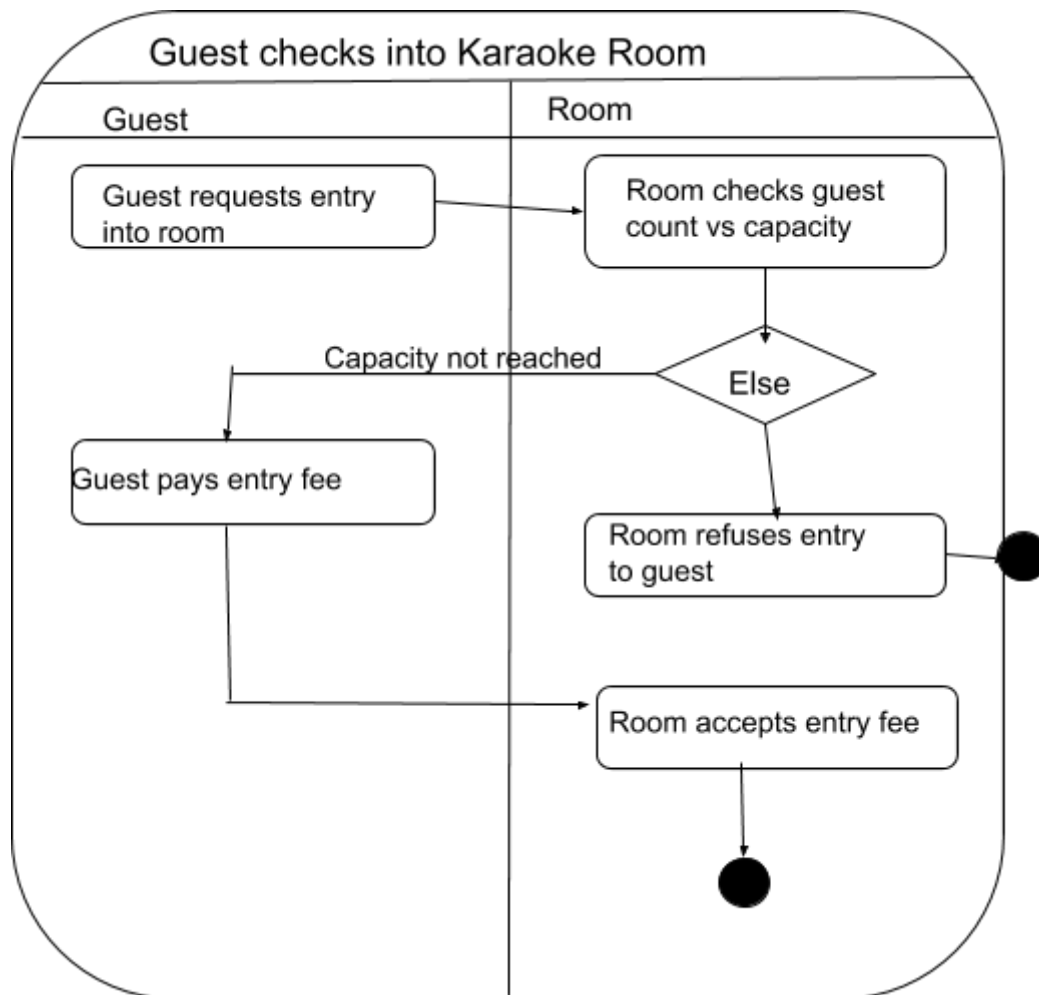
AD2 - A Class Diagram



AD3 - An Object Diagram



AD4 - Activity Diagram



AD6 - Implementation Constraints

Topic	Possible Effect of Constraint on Product	Solution
Hardware and software platforms	<p>Hardware/software updates over time could mean the website no longer runs properly, shows animations properly, etc. For example updates in web browsers.</p> <p>Software used to write the web-page could become obsolete, no longer supported.</p>	Need to regularly update website to ensure compatibility with all web browsers/platforms.
Performance requirements	The budgeting app currently only works as a full screen web-page.	Requires further CSS development so that it can be viewed on smaller screen

		sizes/ on mobiles, tablets, etc. Use inspect to test for accessibility and develop the HTML code to make it accessible to screen readers, etc.
Persistence storage and transactions	There are only a few seeded transaction types available to use in the drop down. This could be deemed restrictive. The website will only work if connected to the SQLPostgres database used for the project. Connection problems would stop transactions being saved.	Could extend the seeded data to provide additional options. Could have back-up databases. Need to maintain database.
Budgets	The website may need development, which could involve the cost of software developers, more up-to-date software, etc, which could exceed the budget available to the company.	Need to allow for potential resource required in the annual budget.
Time		