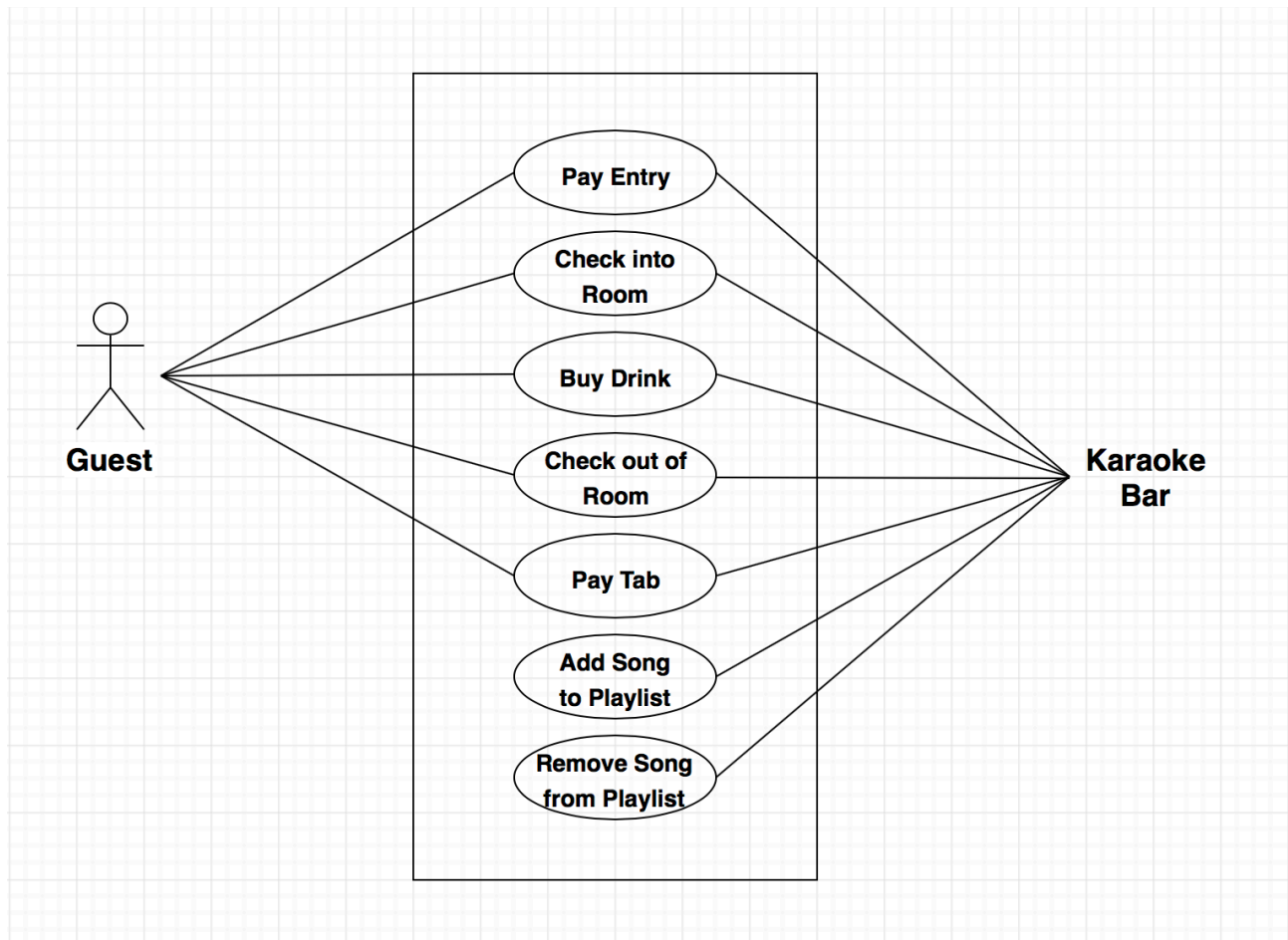


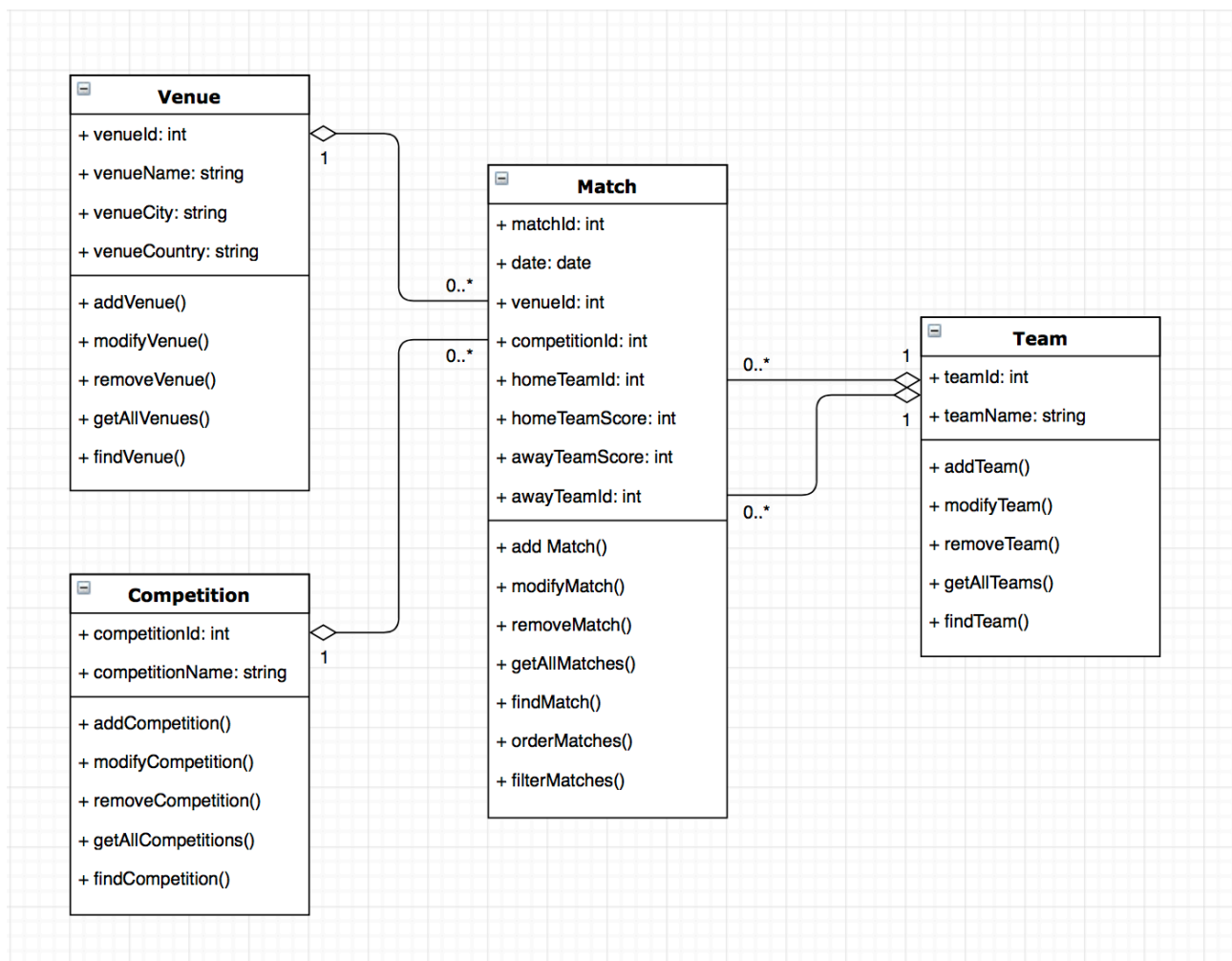
## Evidence for Analysis and Design Unit.

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Cohort E19

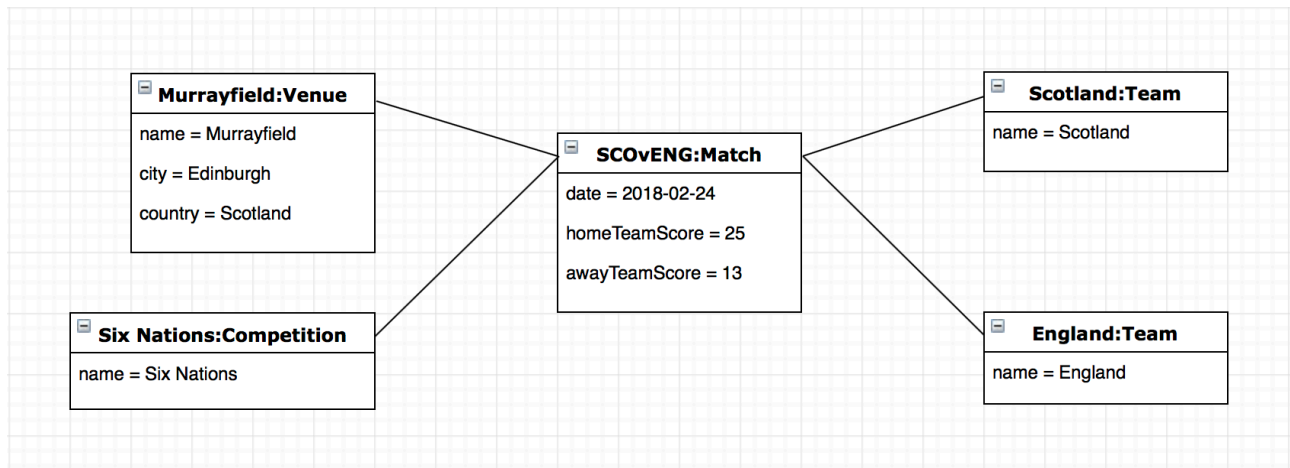
### A.D.1 Use case diagram



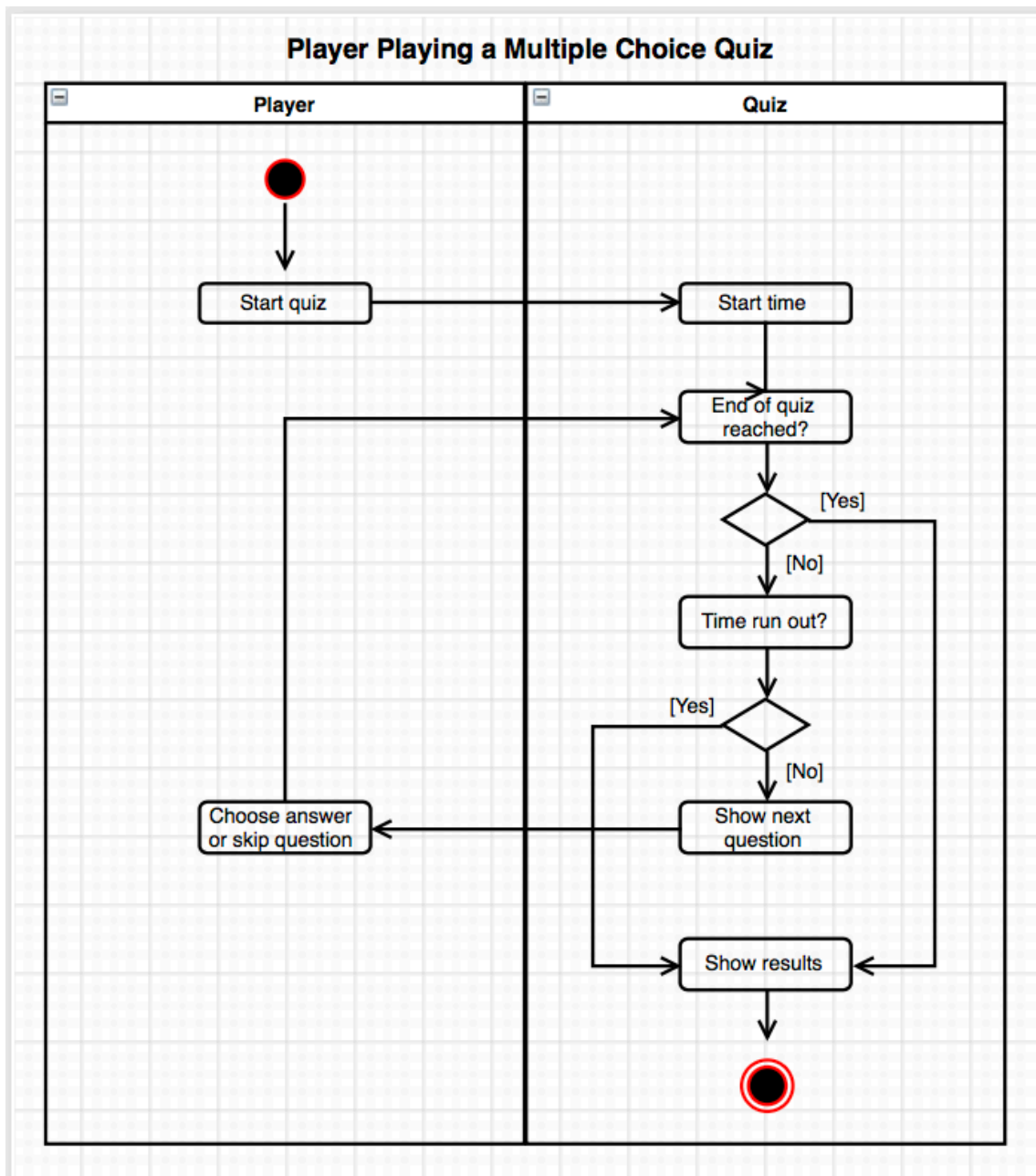
## A.D.2 Class diagram



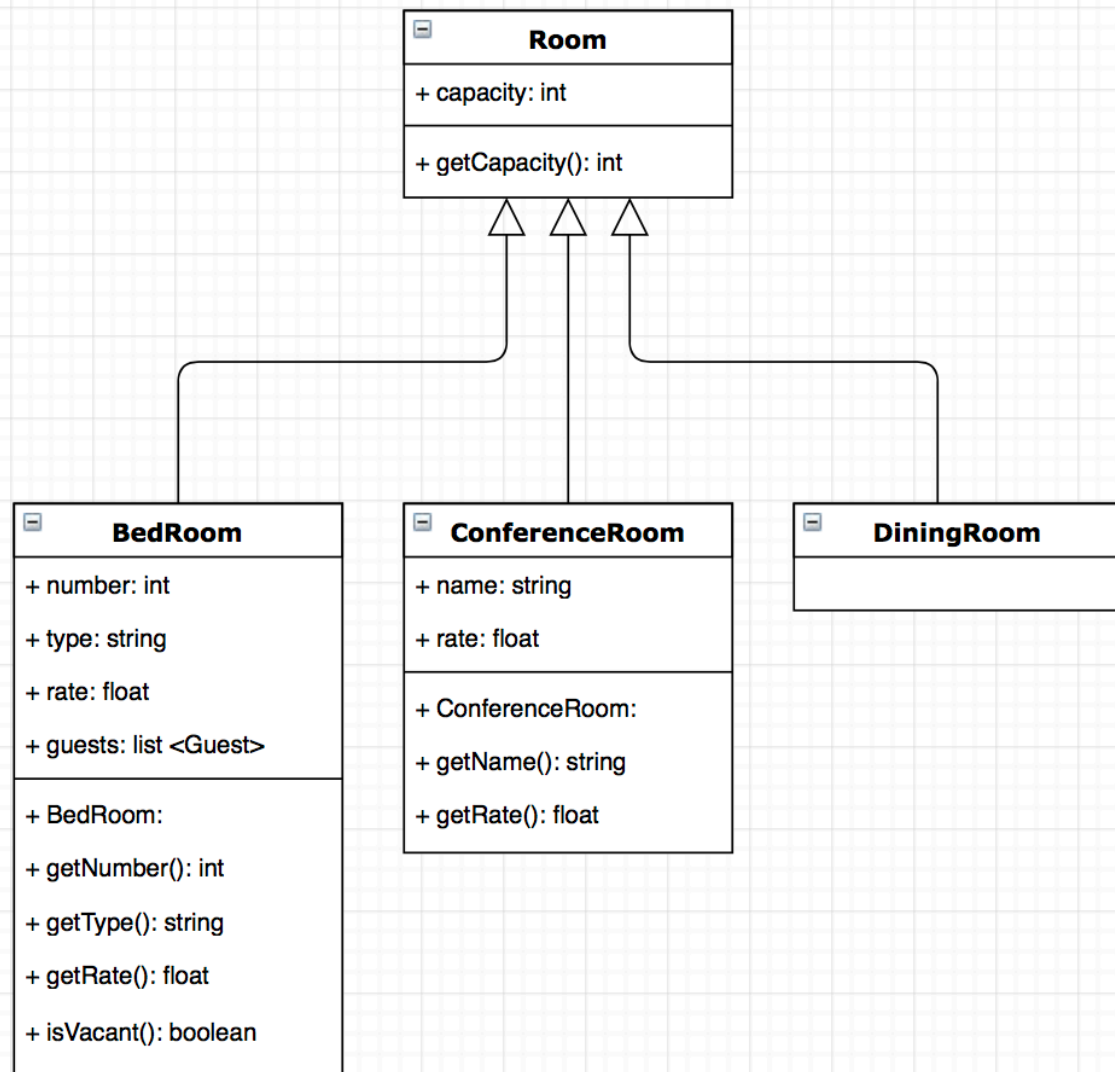
### A.D.3 Object diagram



#### A.D.4 Activity diagram



### A.D.5 Inheritance diagram



### A.D.6 Implementation constraints

Topic	Possible Effect of Constraint on Product	Solution
Hardware and software platforms	Application uses a REST API, which doesn't return any data unless a web browser plugin has been installed on the client.	Make it clear in the application documentation that users need to install the required plugin before being able to use the application.
Performance requirements	Data from the REST API are not available when there is no WiFi signal.	Cache the REST API data off line.
Persistent storage and transactions	The client has limited database storage space.	Store the data in the cloud instead of locally.
Usability	The UI is not accessible for red green colour blind people if red and green are used to mark critical information.	Don't use red and green to mark critical information, but use for example different degrees of shading.
Budgets	There is no budget allocated to buy any software.	Use free software instead of proprietary software. Increase the software budget.
Time limitations	The project has to be done within one week, so there either may be no time to build all desired functionality, or the quality may suffer.	Complete the MVP before starting any work on "nice to haves". Avoid feature creep. Increase the project time. Put more developers on the project.