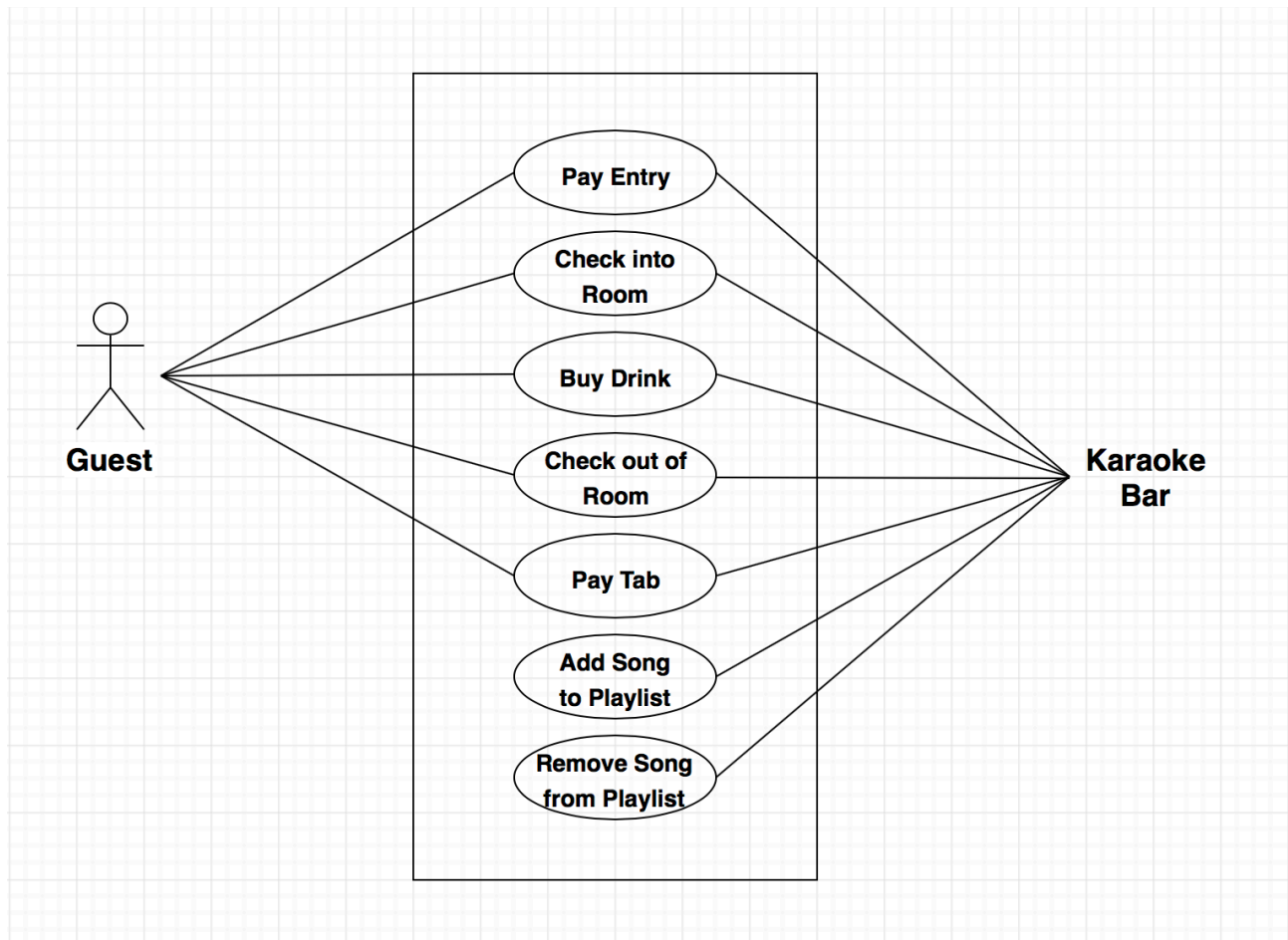


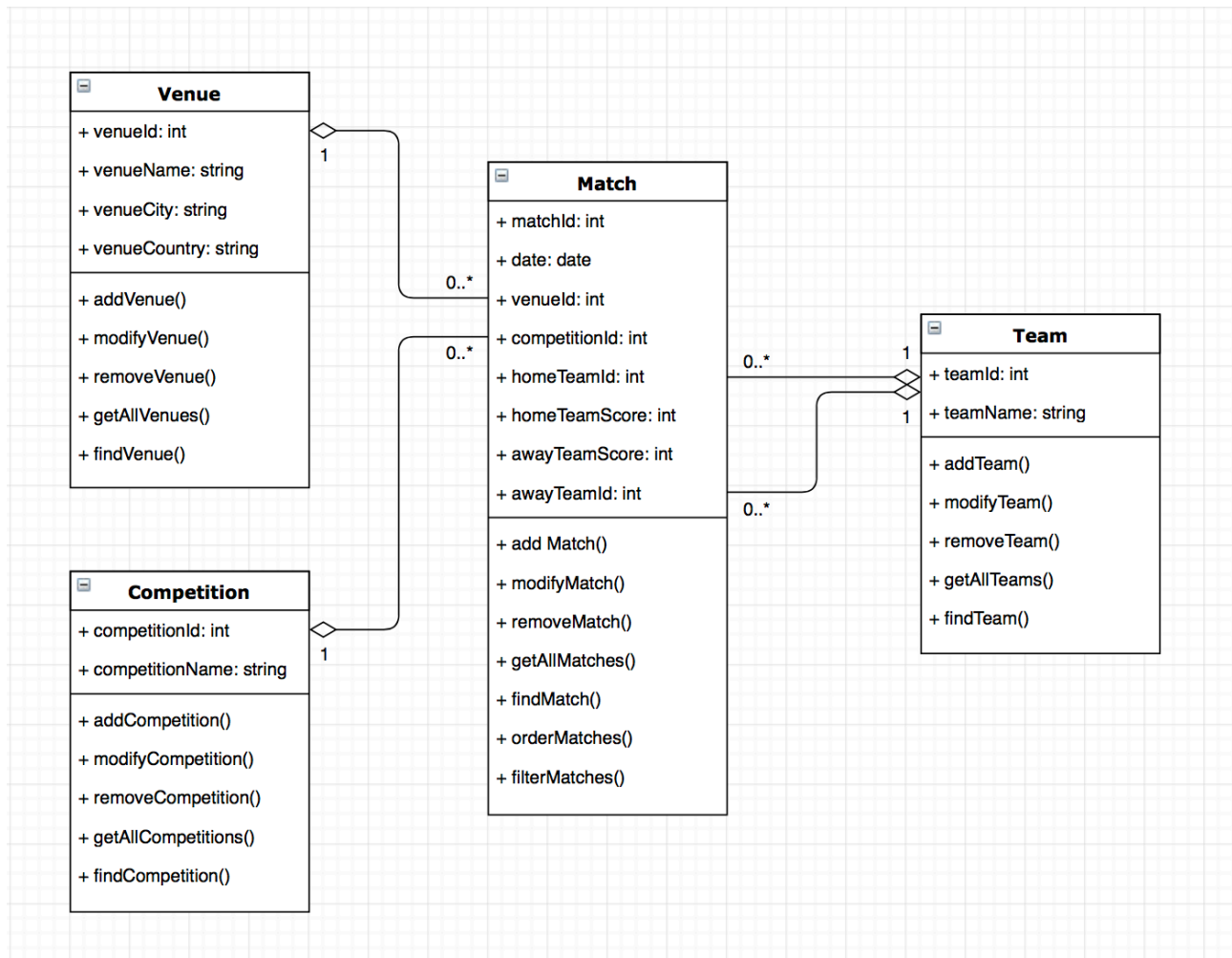
## Evidence for Analysis and Design Unit.

Bert Overduin  
Cohort E19

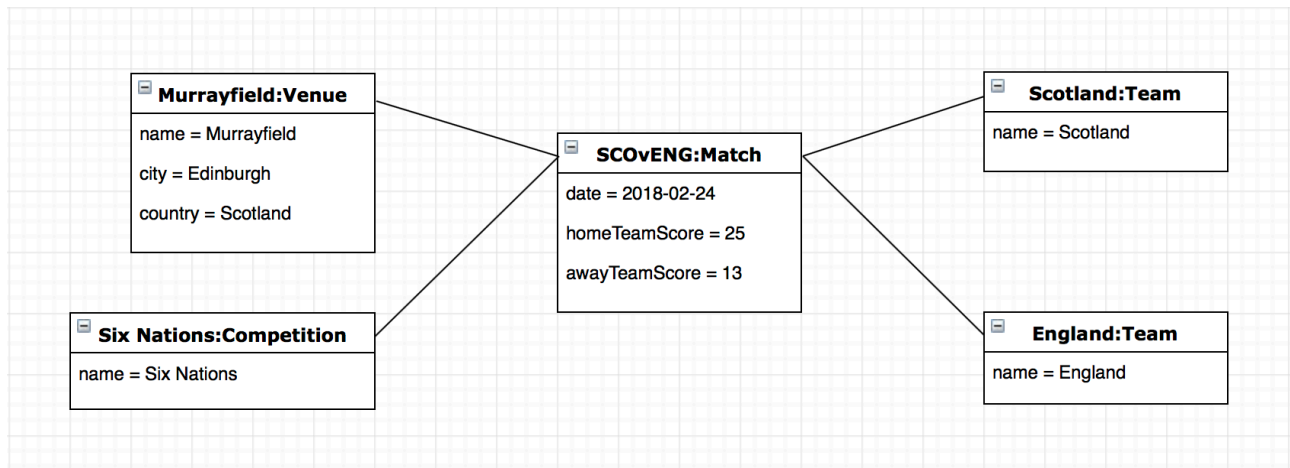
### A.D.1 Use case diagram



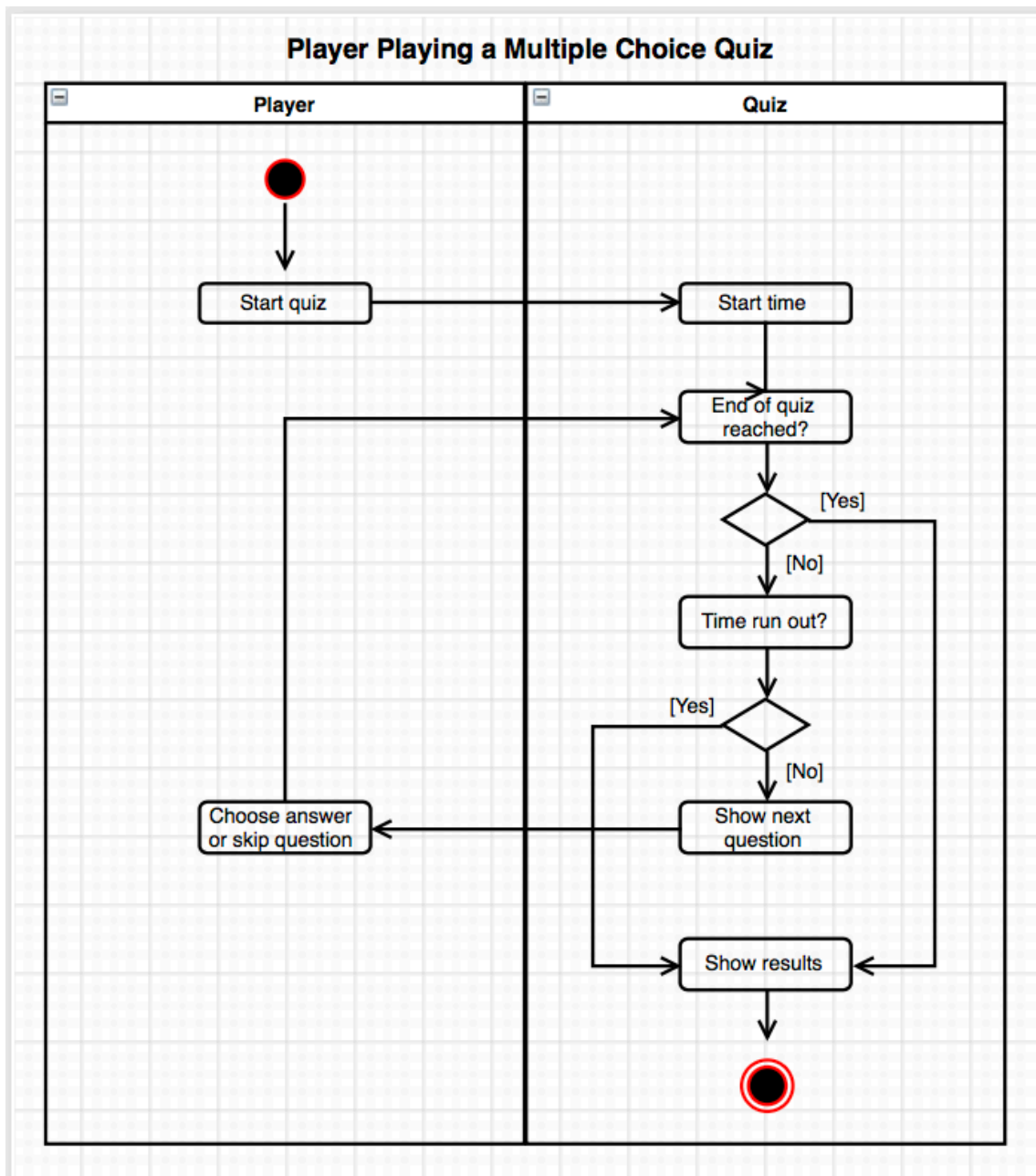
## A.D.2 Class diagram



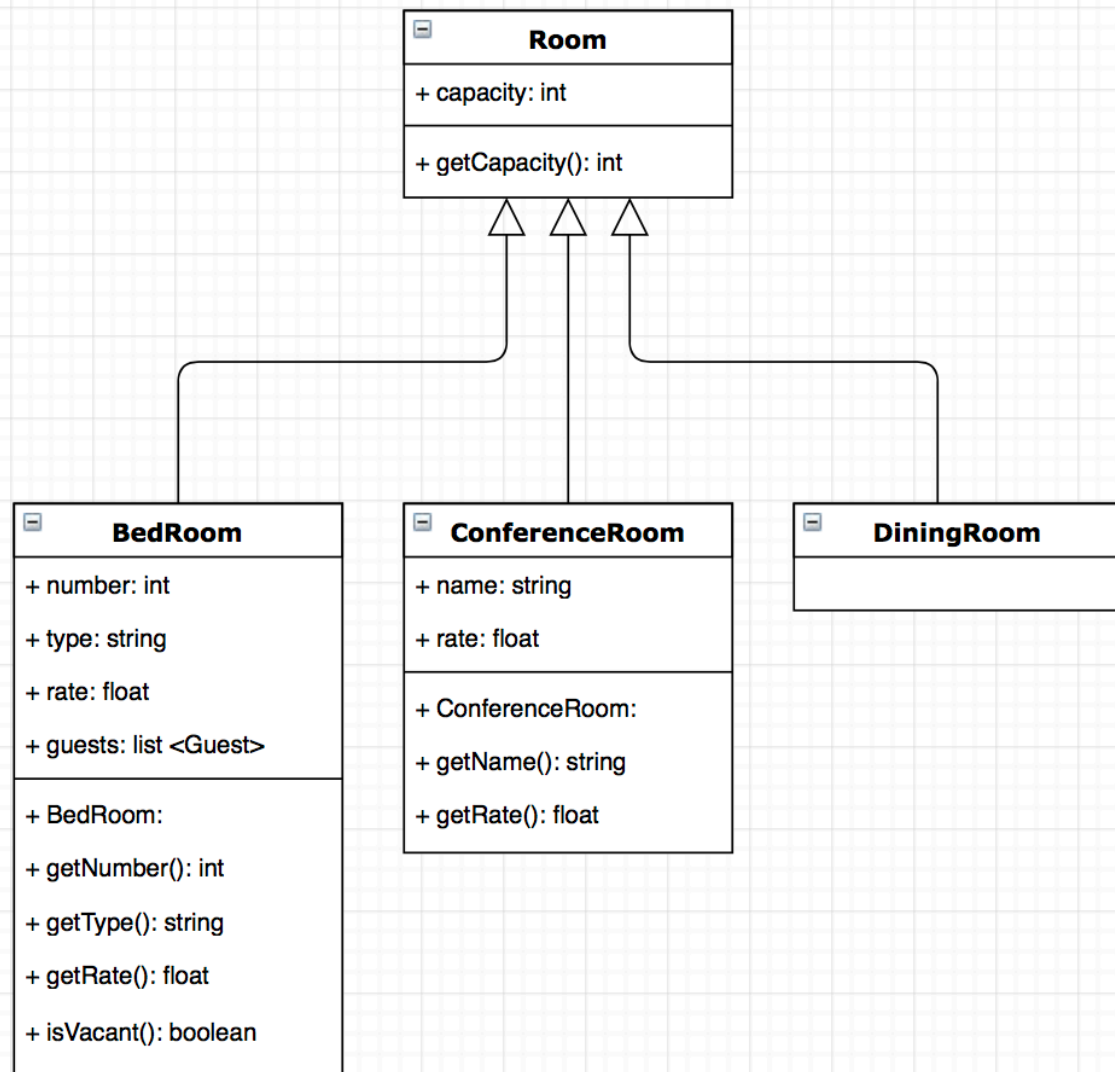
### A.D.3 Object diagram



#### 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		
Performance requirements	Data from REST API not available when no WiFi signal.	Cache data off line.
Persistent storage and transactions		
Usability	UI not accessible for red green colour blind people if red and green are used to mark critical information.	Mark critical information in another way.
Budgets	No budget to buy any software.	Use free software. Increase budget.
Time limitations	Project has to be done within one week. There may be no time to build all desired functionality, or quality may suffer.	Increase project time project time. Put more developers on the project. Build MVP before starting work on “nice to haves”.