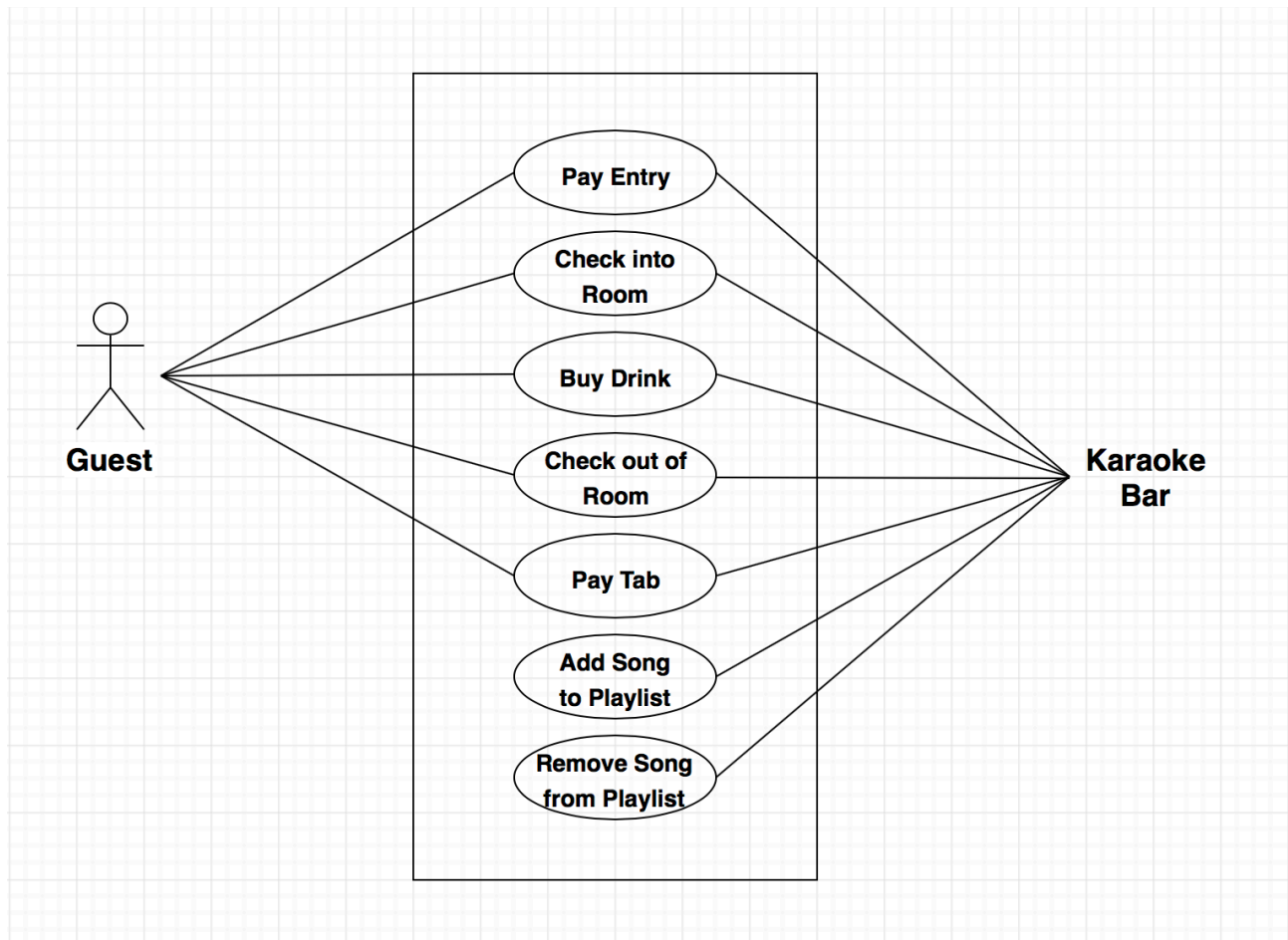


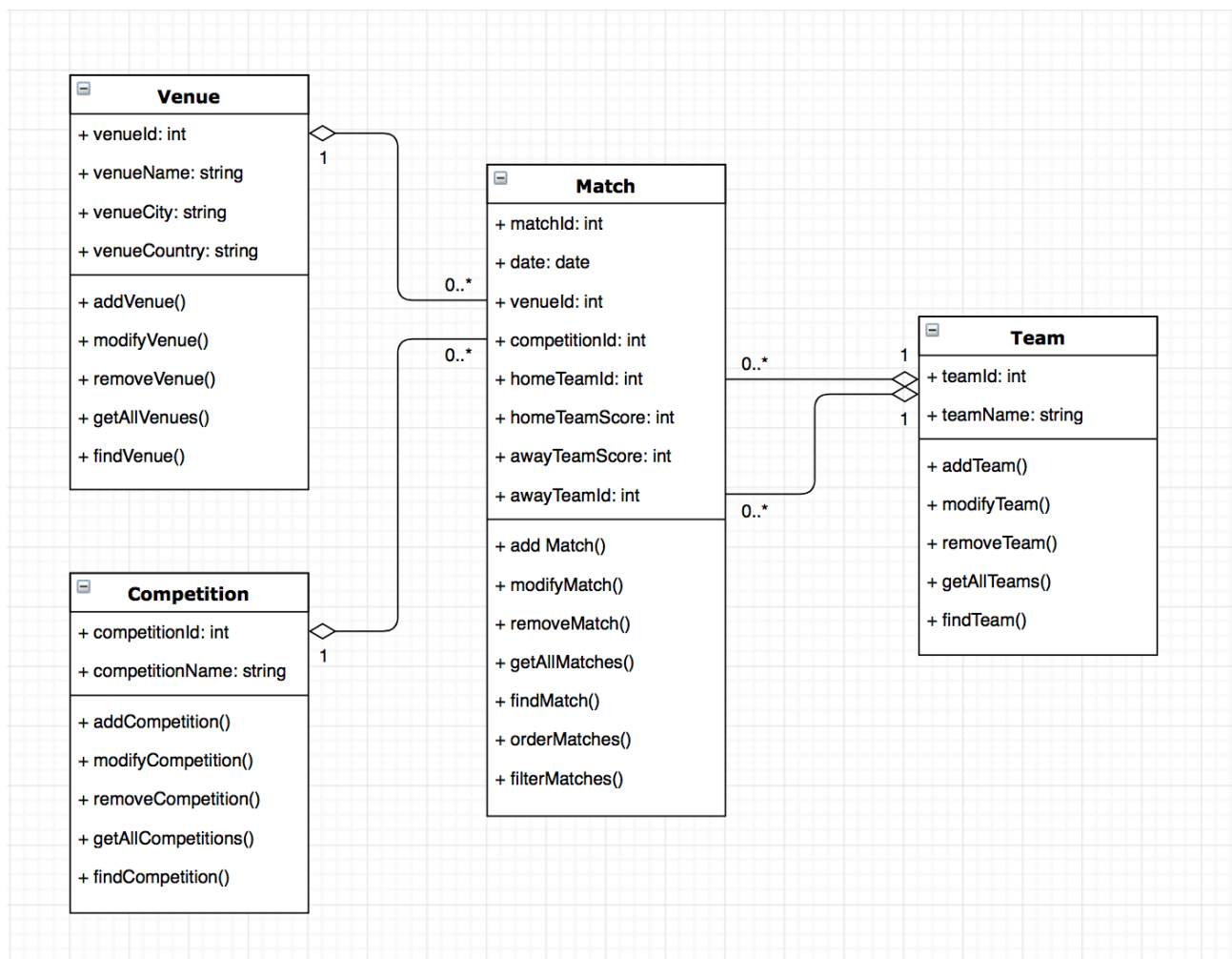
Evidence for Analysis and Design Unit.

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Cohort E19

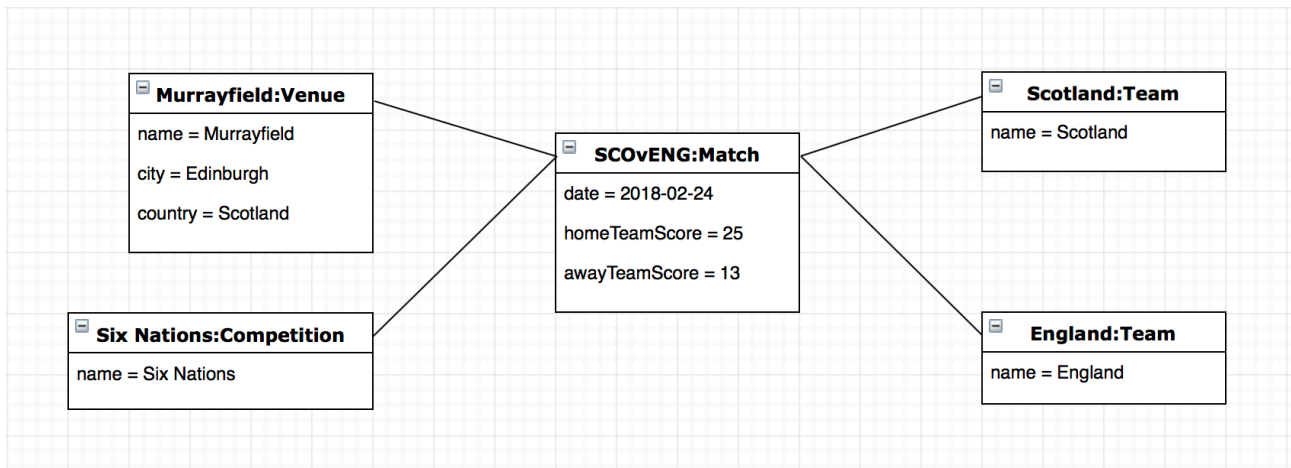
A.D.1 Use case diagram



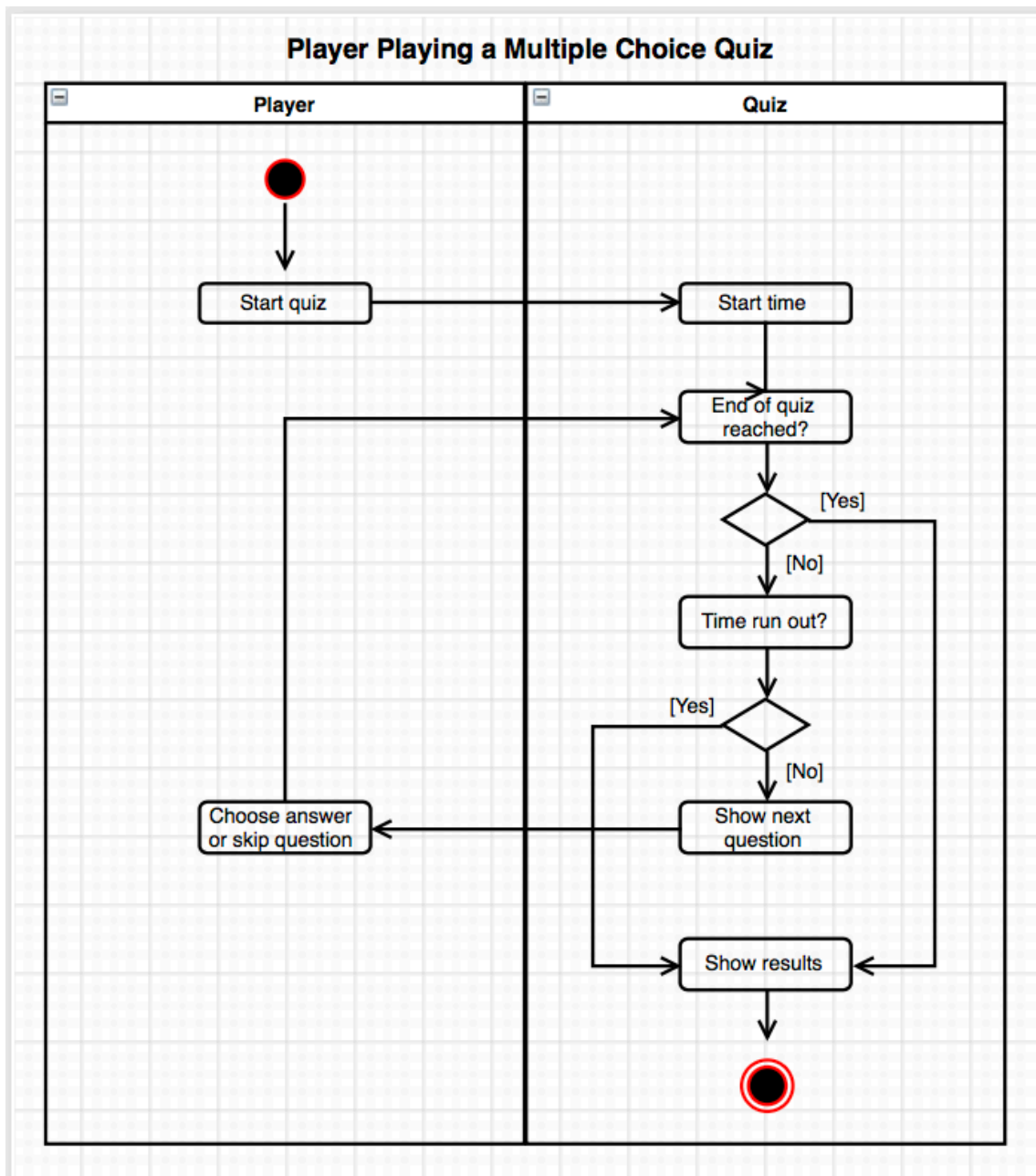
A.D.2 Class diagram



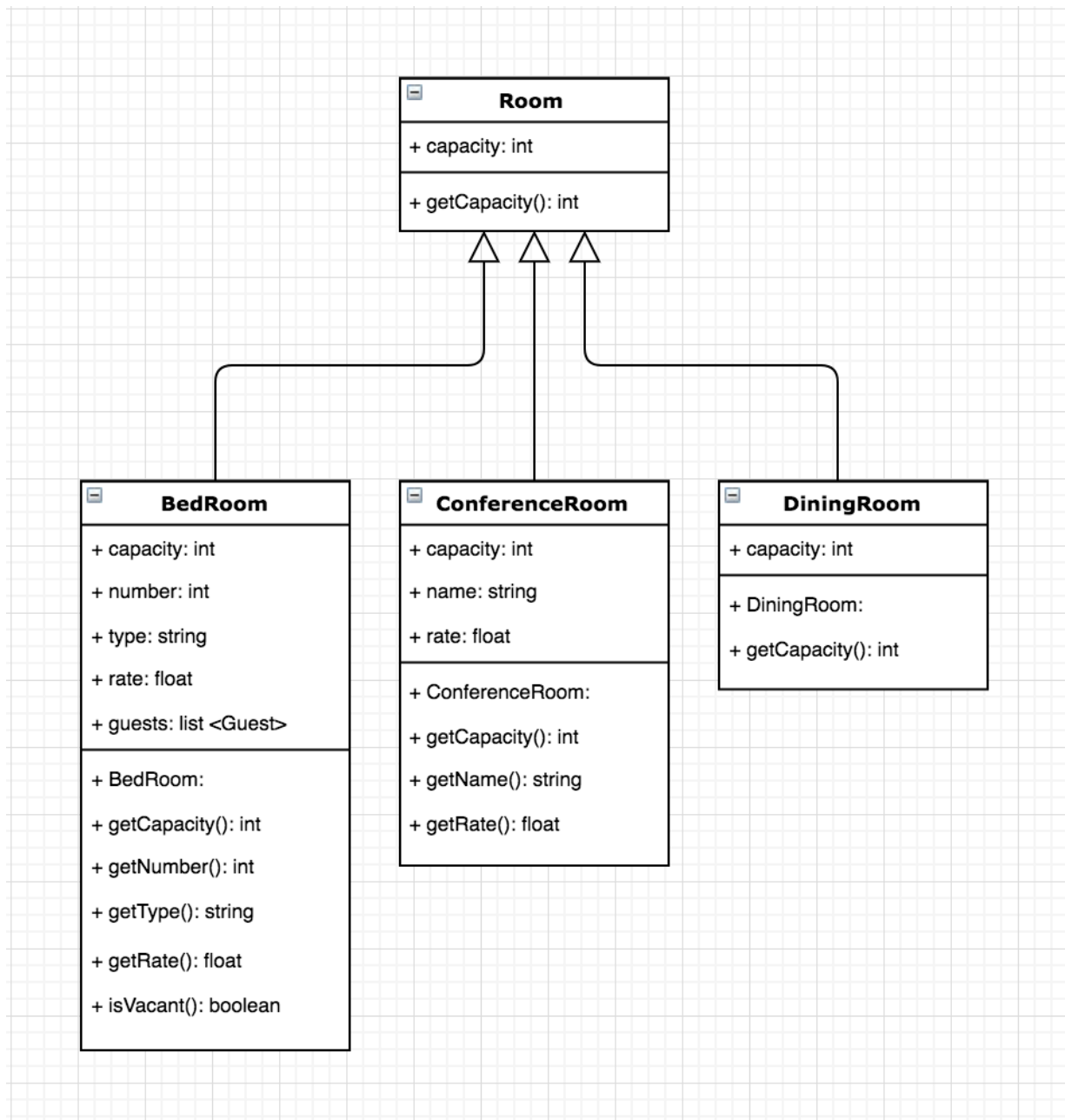
A.D.3 Object diagram



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	The application uses a REST API, which doesn't return any data unless a web browser plugin has been installed on the client. If the customer doesn't install this plugin, they won't be able to use the product.	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. If this is the case, the customer won't be able to use the product.	Cache the REST API data off line.
Persistent storage and transactions	The client has limited database storage space. Therefore, the customer won't be able to use the product.	Store the data in the cloud instead of locally.
Usability	The UI uses red and green to mark critical information. Therefore, any customers that are red green colourblind won't be able to use the product.	Don't use red and green to mark critical information, but use for example different degrees of shading.
Budgets	The customer has no budget allocated to buy any software. If the product requires proprietary software, the customer won't be able to use the product.	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. If this is the case, the customer can't use the product.	Complete the MVP before starting any work on "nice to haves". Avoid feature creep. Increase the project time. Put more developers on the project.