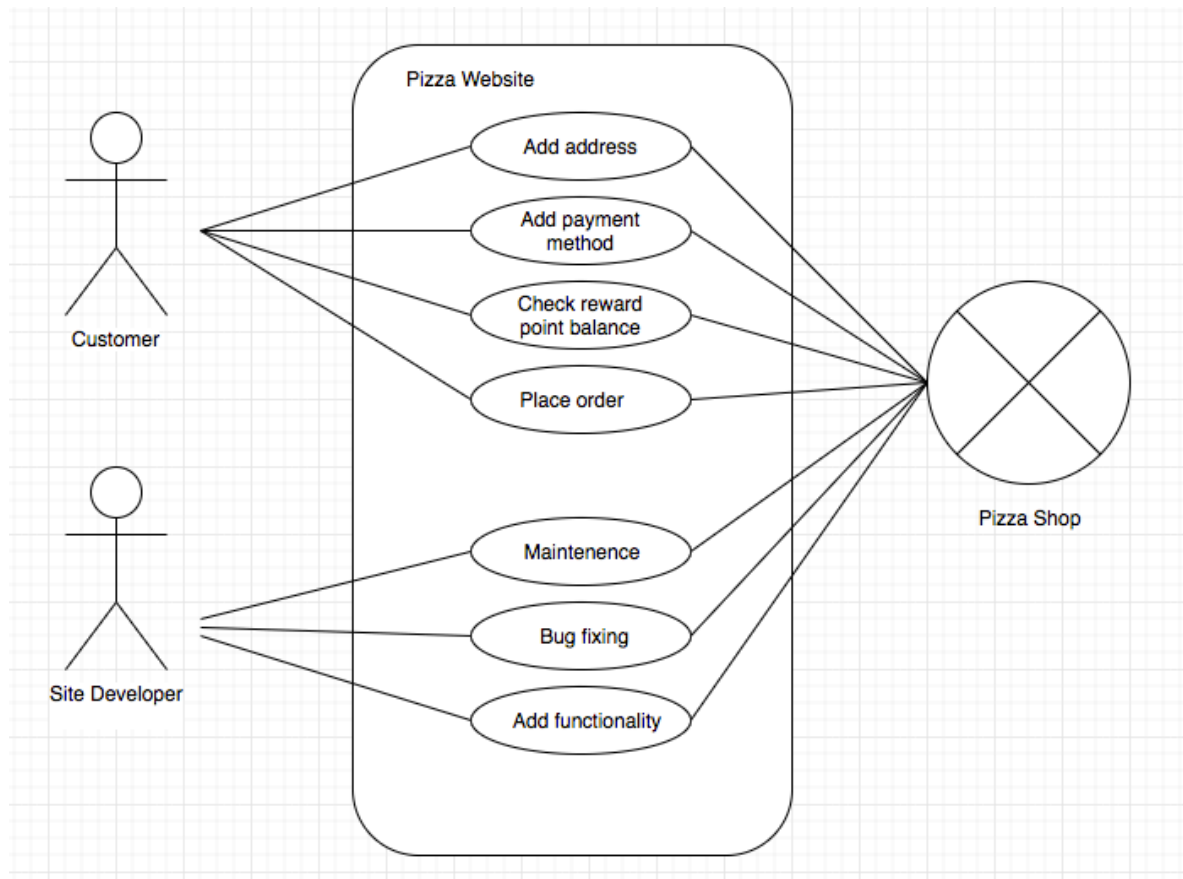


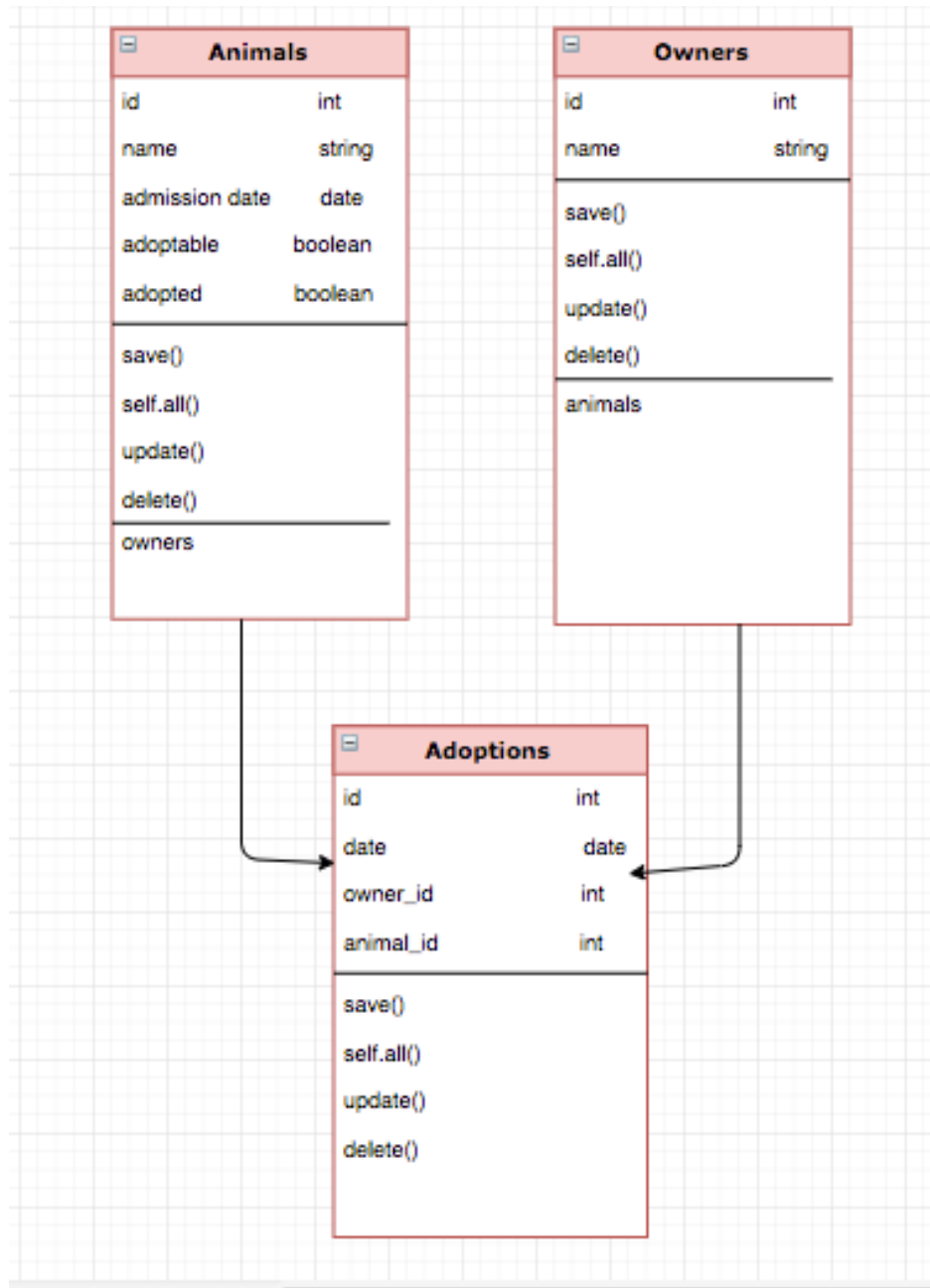
Evidence for Analysis and Design Unit

Ross Hill
Cohort E18

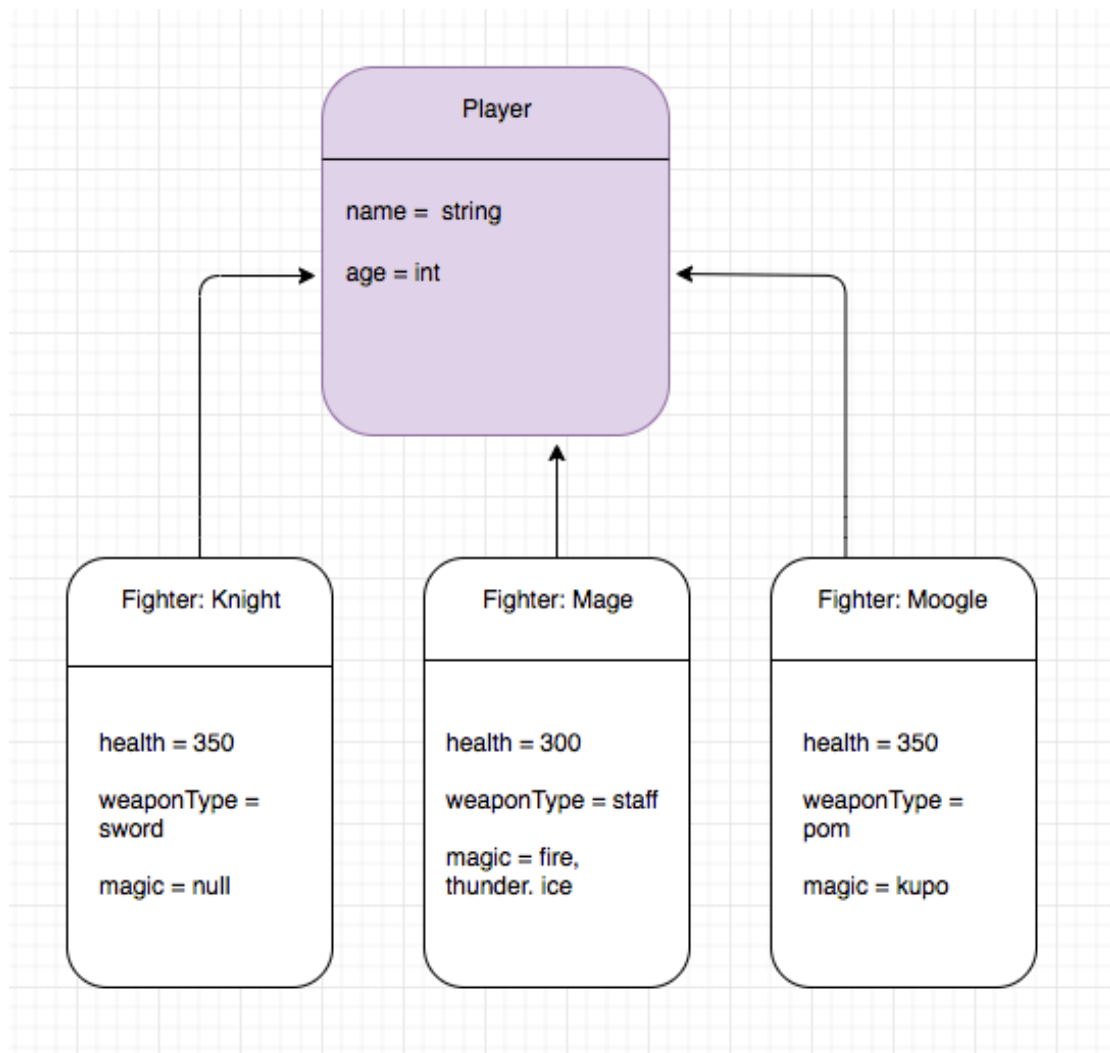
A.D. 1 – Use Case Diagram



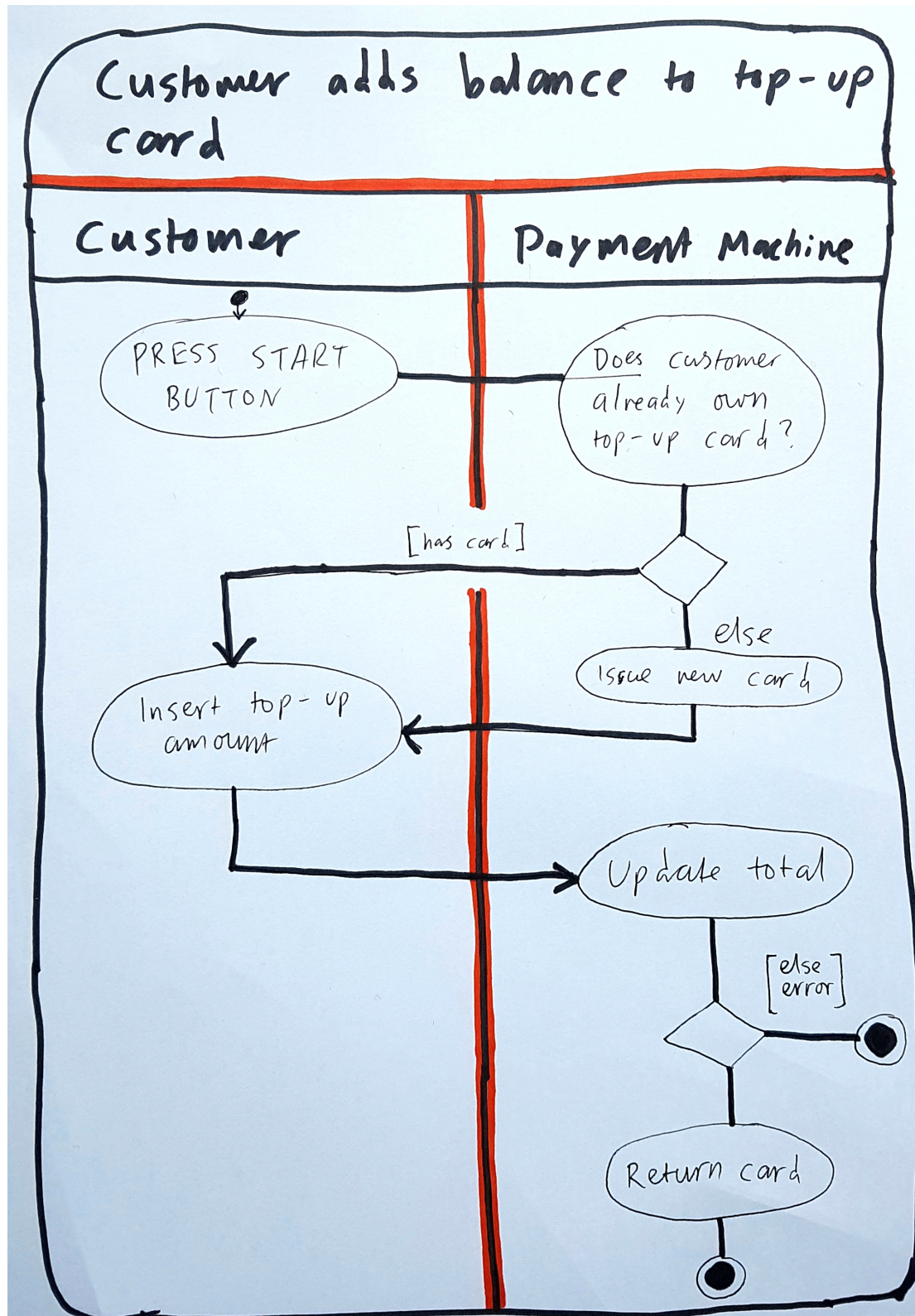
A.D. 2 – Class Diagram



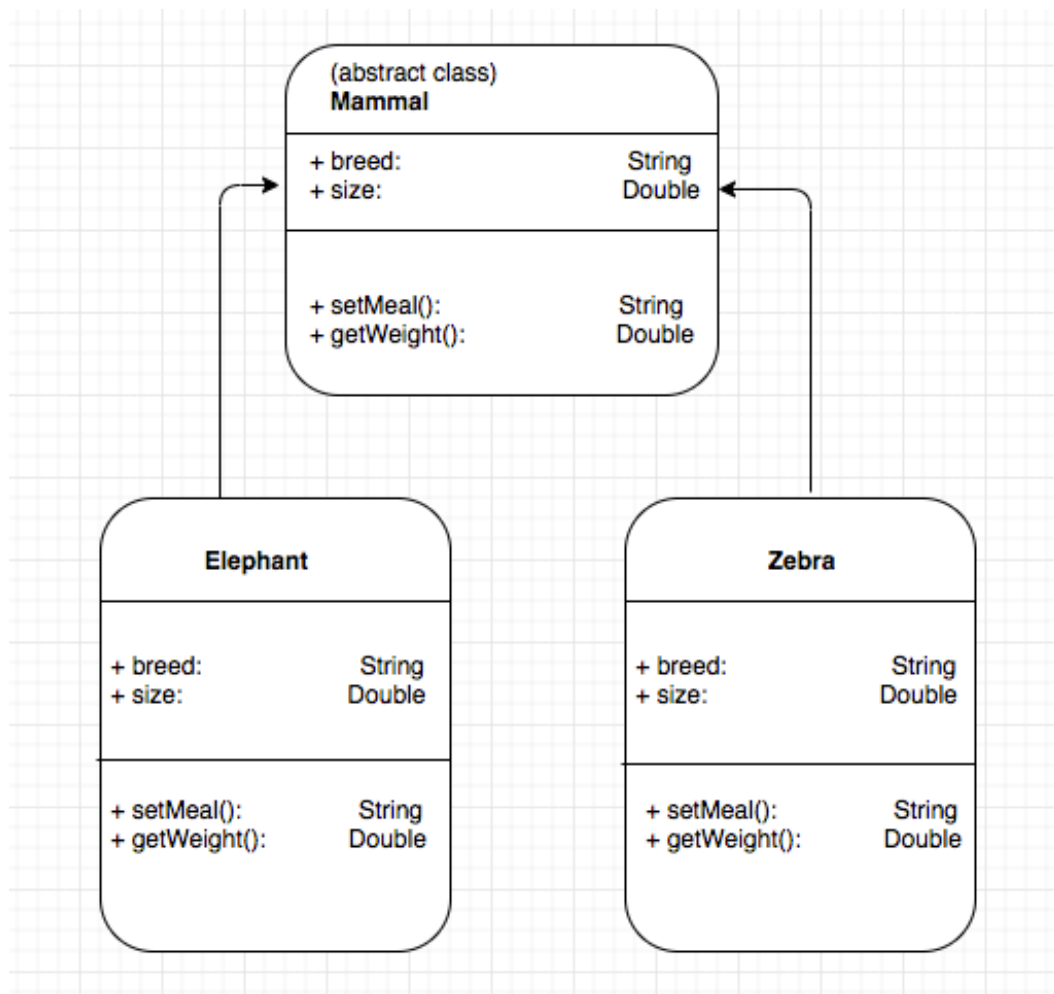
A.D. 3 – Object Diagram



A.D. 4 - Activity Diagram



A.D. 5 – Inheritance Diagram



A.D. 6 – Implementations Constraint

Topic	Possible constraint on product	Solution
Hardware and software platforms	App may not be compatible with every Android device	Select an Android OS that the vast majority of users are running or able to run.
Performance requirements	Animations may cause app to run slowly on certain devices	Limit or remove any animation effects in the app
Persistent storage and transactions	Accessing storage may take time, especially in the case of accessing SD card storage	Store only the necessary data required for functionality. Give option to delete high score data
Usability	Images may not load, or may load incorrectly	Use alt text to describe the images in the case of images not loading.
Budgets	Limited budget as app is being developed independently. This could mean certain features are missing.	Make app open source so others are able to contribute features.
Time	Product must be completed by a strict deadline	Plan accordingly so that core features are implemented, and less important features only if time permits.