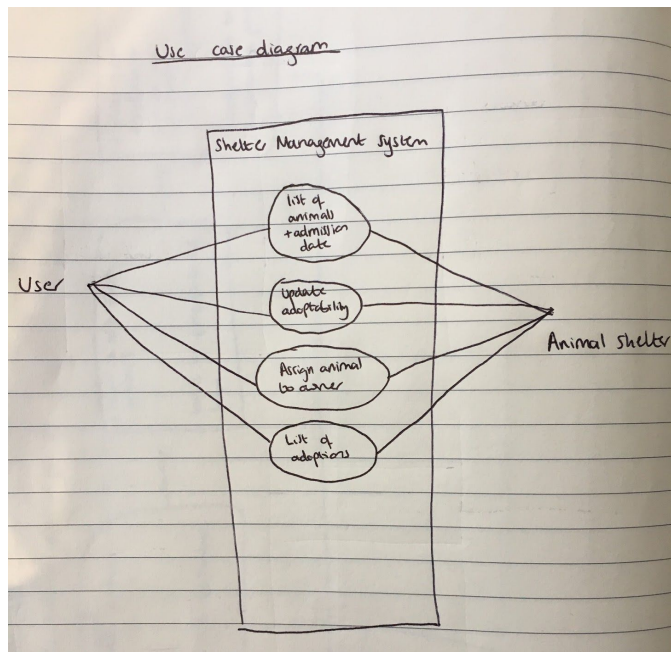


Evidence for Analysis and Design Unit.

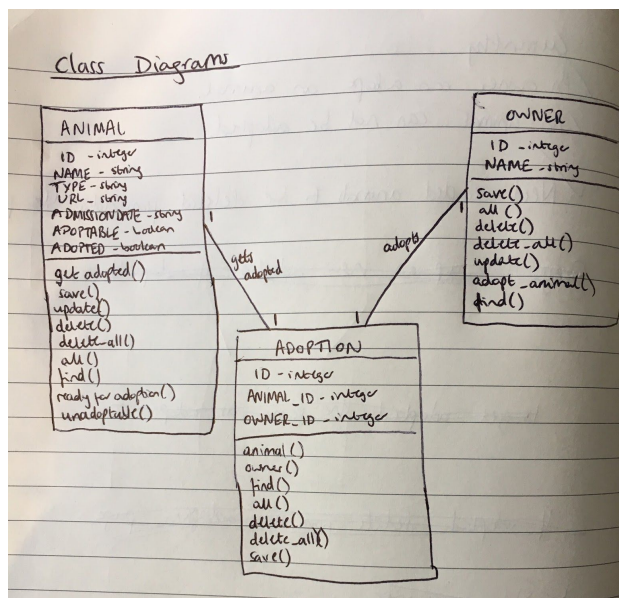
Katy Preston

Cohort: E21

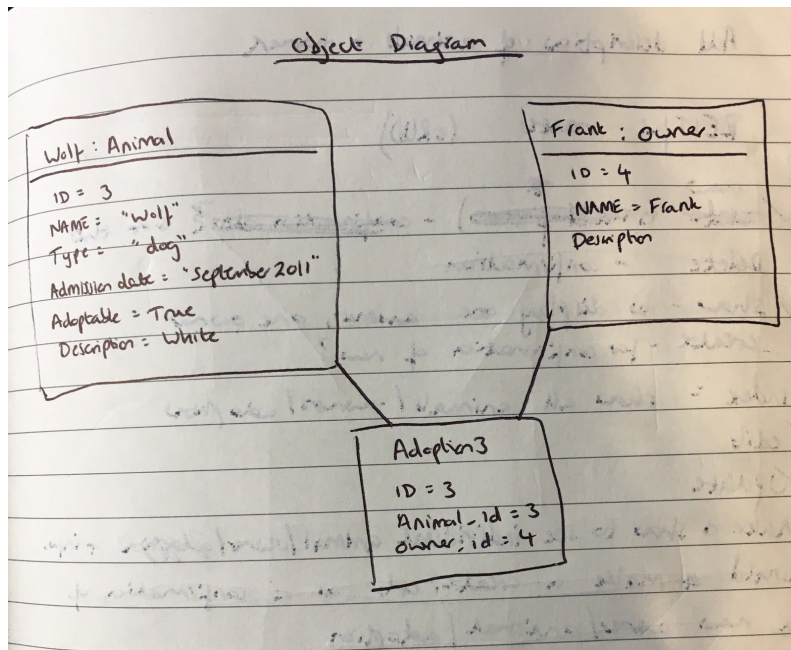
A.D. 1 Use Case Diagram



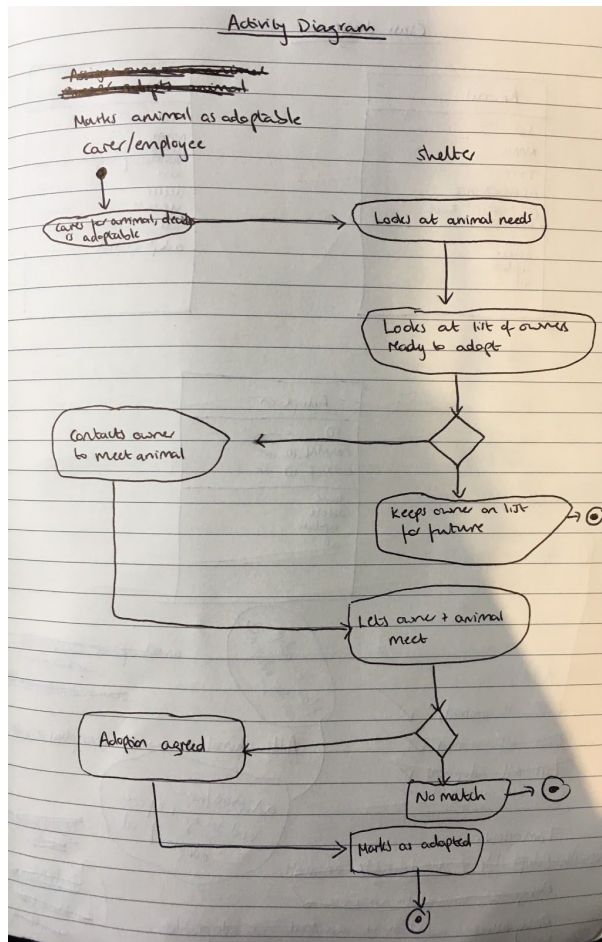
A.D. 2 Class Diagram



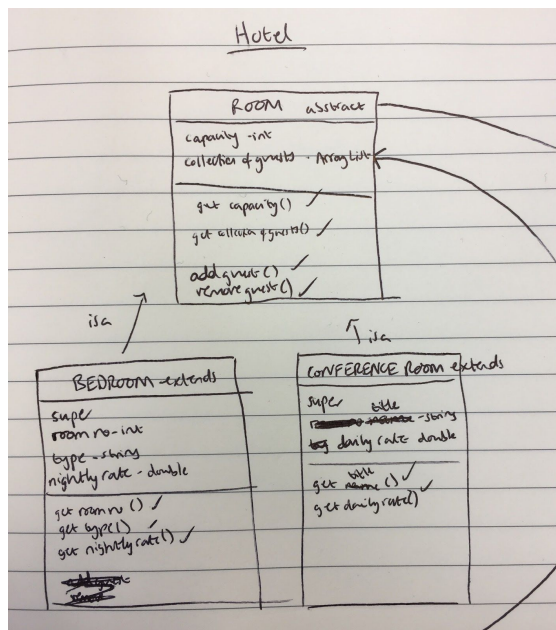
A.D. 3 Object Diagram



A.D. 4 Activity Diagram



A.D. 5 Inheritance Diagram



A.D. 6 Implementations Constraints

Topic	Possible Effect of Constraint on Product	Solution
Hardware and Software Platforms	Server with less than 8GB RAM could reduce the performance of a web app	Renting an online server which meets the minimum requirements
Performance Requirements	Being unable to register an animal for adoption within 5 minutes	Create a simple and easy to use user interface
Persistent Storage and Transactions	Data stored locally could be affected by server failure	Storing data externally
Usability	Users being able to delete an owner who has adopted an animal therefore them not appearing on the successful adoptions list	Make sure that the user cannot delete an owner unless the adoption is reversed
Budget	No budget limitations as app was designed as a donation	
Time Limitations	Project to be completed in one week	Simple design for the app that does not include redundant functionalities