Evidence for Analysis and Design Unit.

Luis Farid Tejero Aoun

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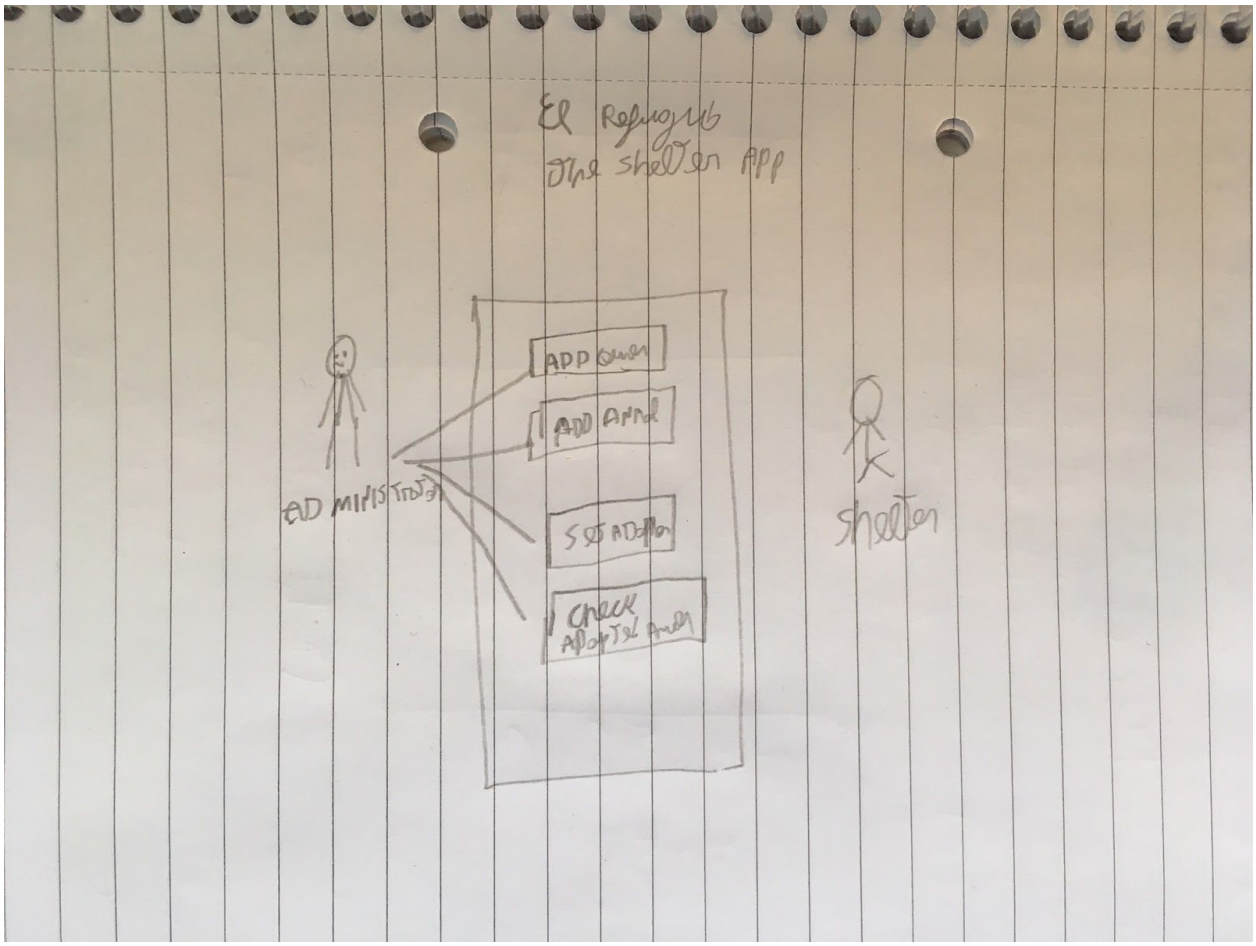
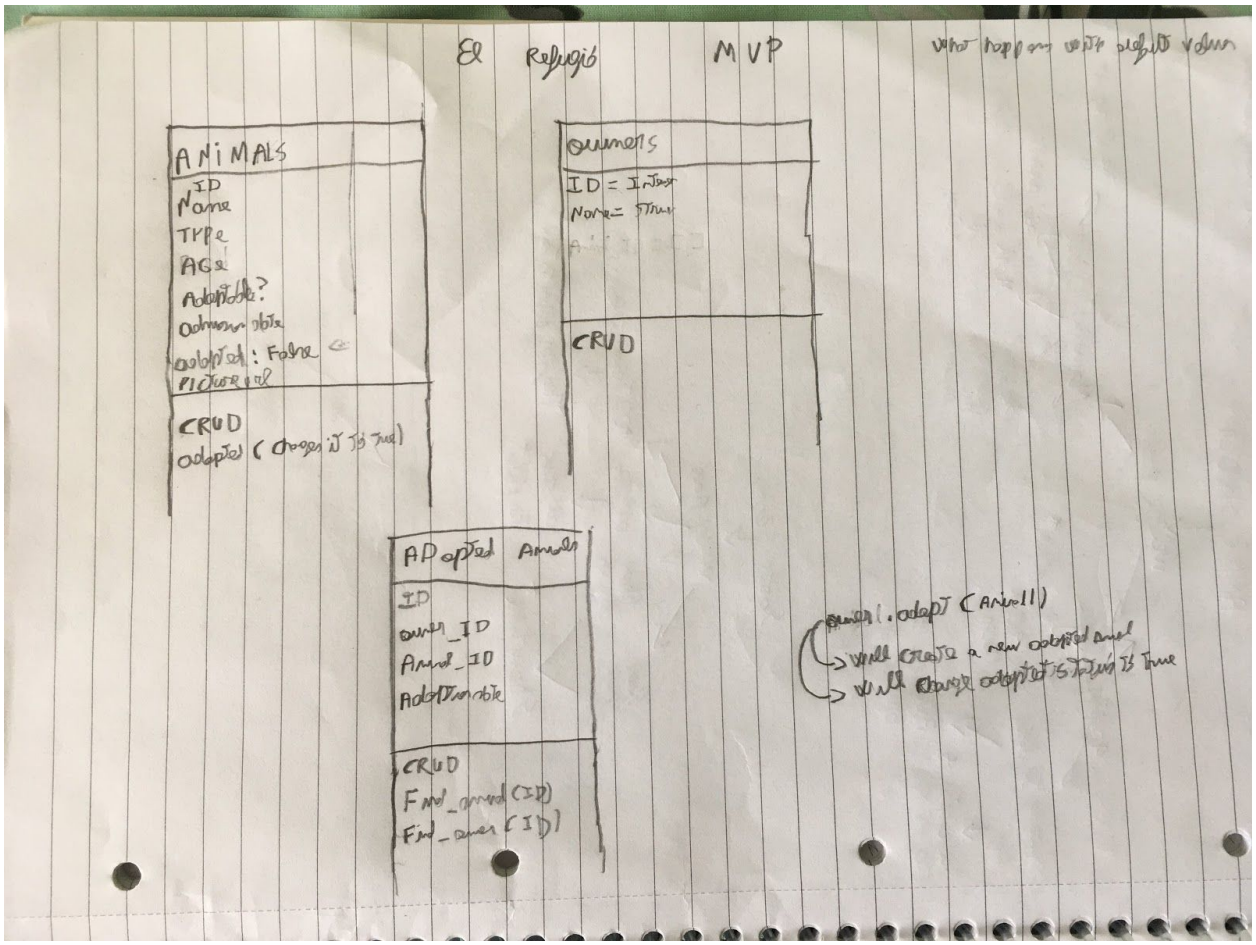
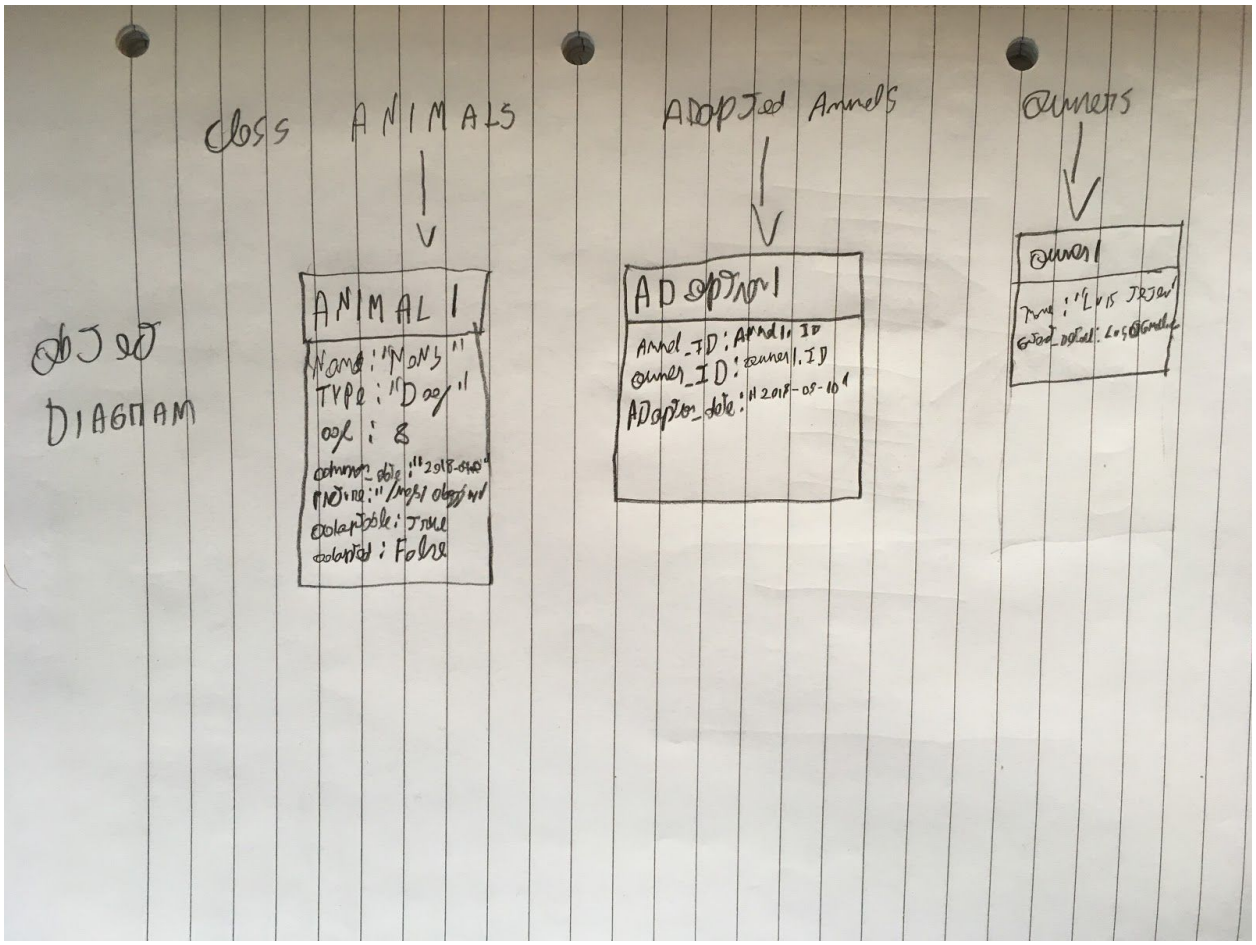
A.D.1 Use case Diagram



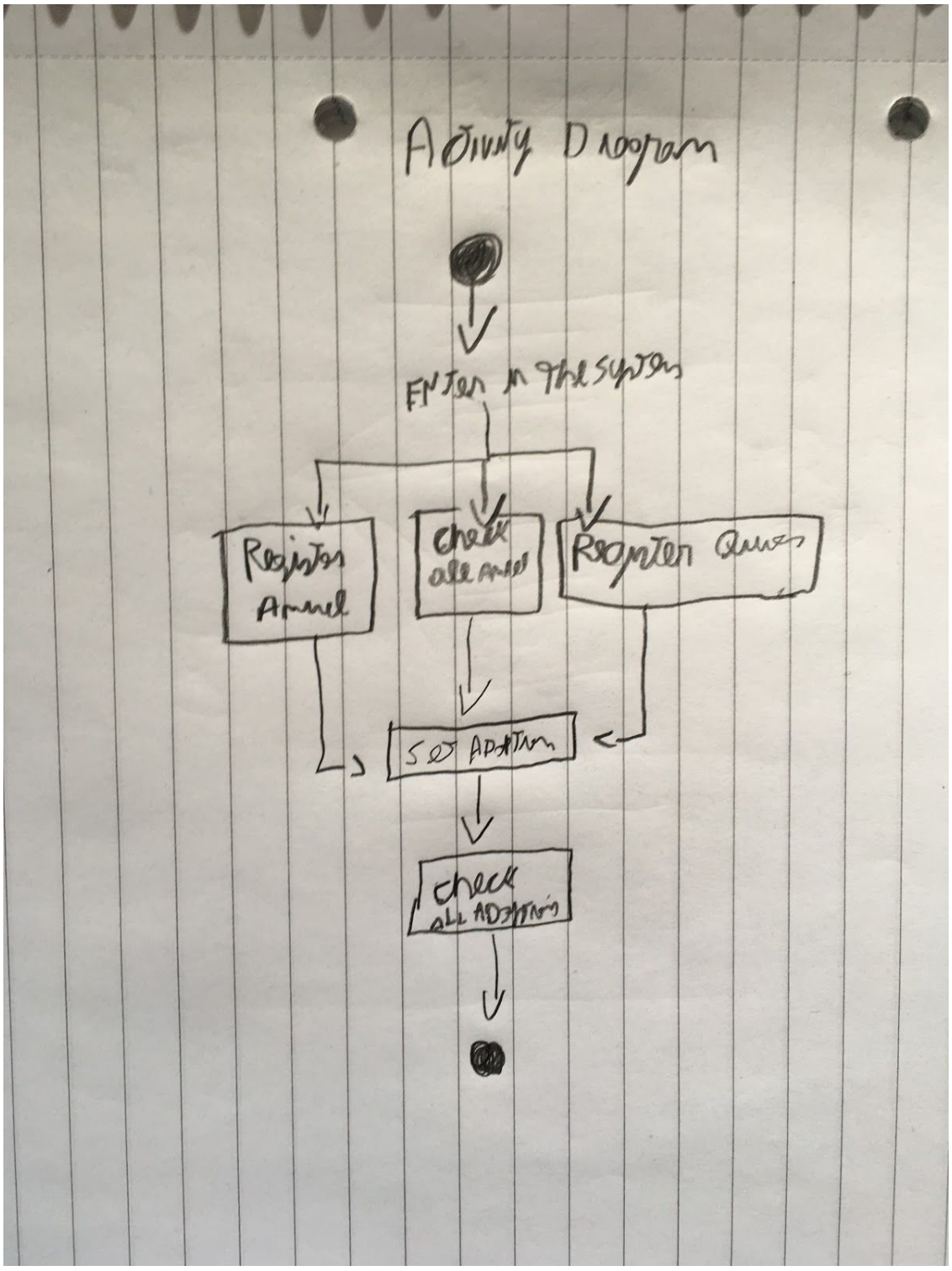
A.D.2 Class diagram



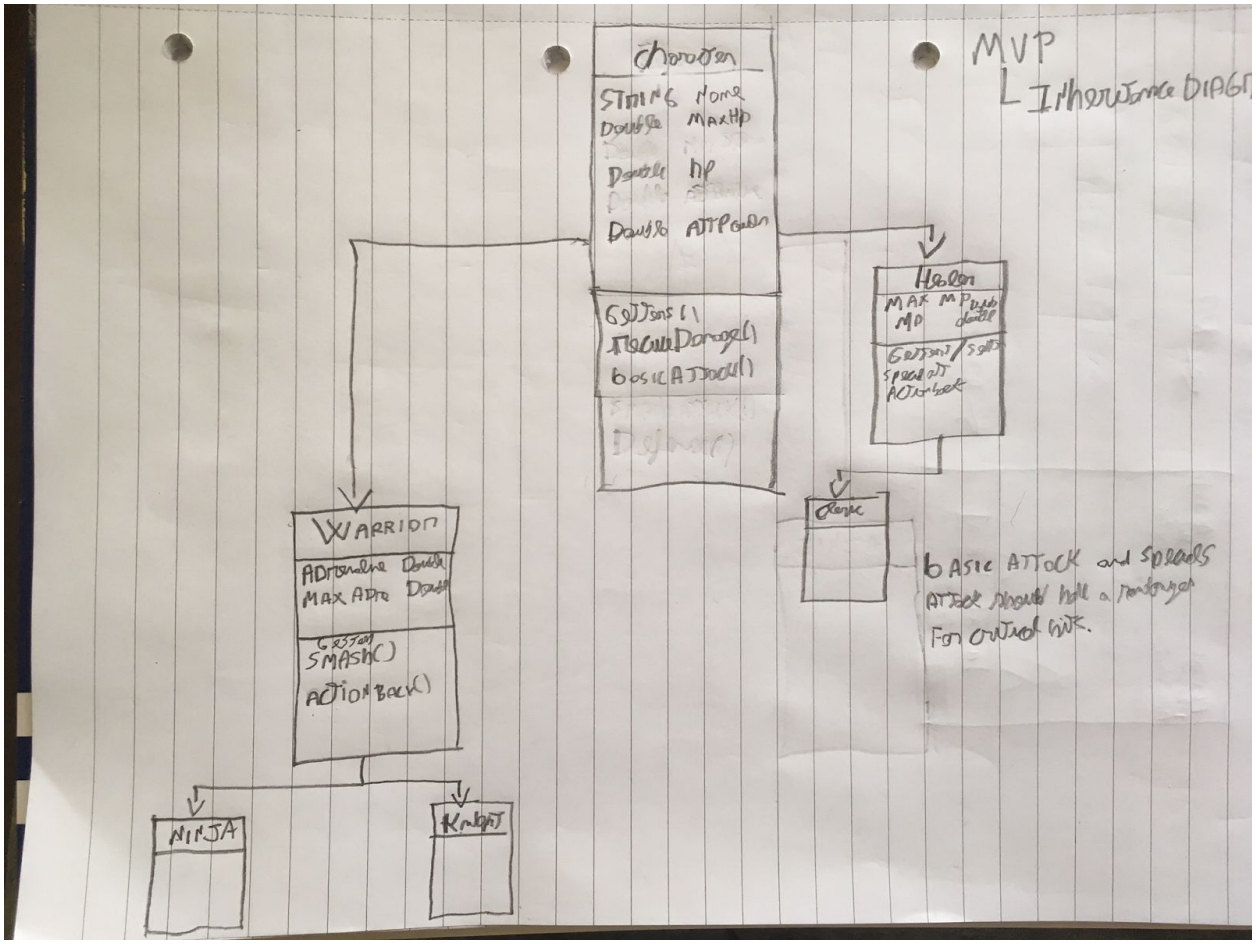
A.D.3 Object diagram



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 of ram could potentially reduce the performance of the web app.	Renting an online server which meets the minimum requirements.
Performance Requirements	not being able to register an animal or an adoption in less than five minutes.	Create simple and friendly user interface that guides the user during the processes.
Persistant storage and transactions	Data stored locally could be affected by servers failure	Storing data in external servers or the cloud.
Usability	Users being able to break the app by deleting an owner who has realised an adoption.	Making sure that the user has to reverse the adoption before being able to delete an owner.
Budget	No budget limitations as the project is designed as a donation to the Shelter.	
Time Limitations	Project to be designed in one week.	Designing a simple web app that fits requirement without adding extra functionalities.