

PDA - Analysis and Design Unit

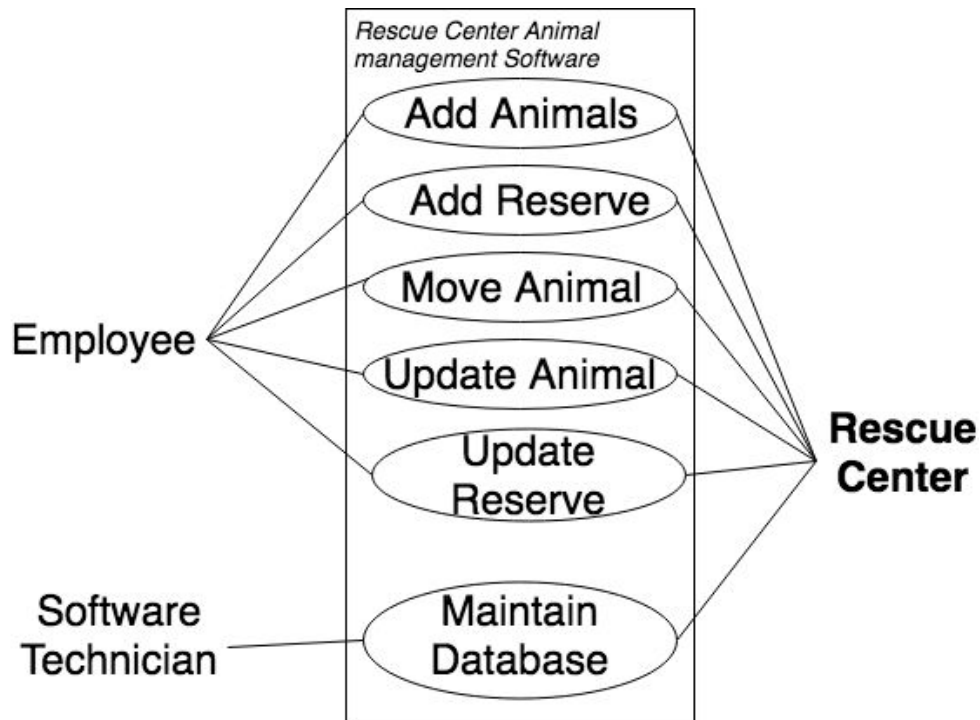
CodeClan Course Evidence

12.03.2018

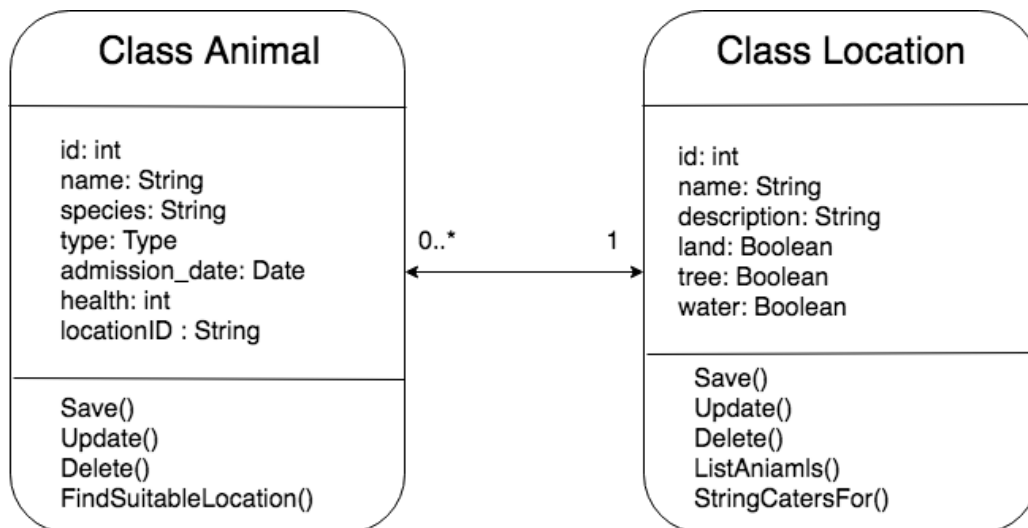
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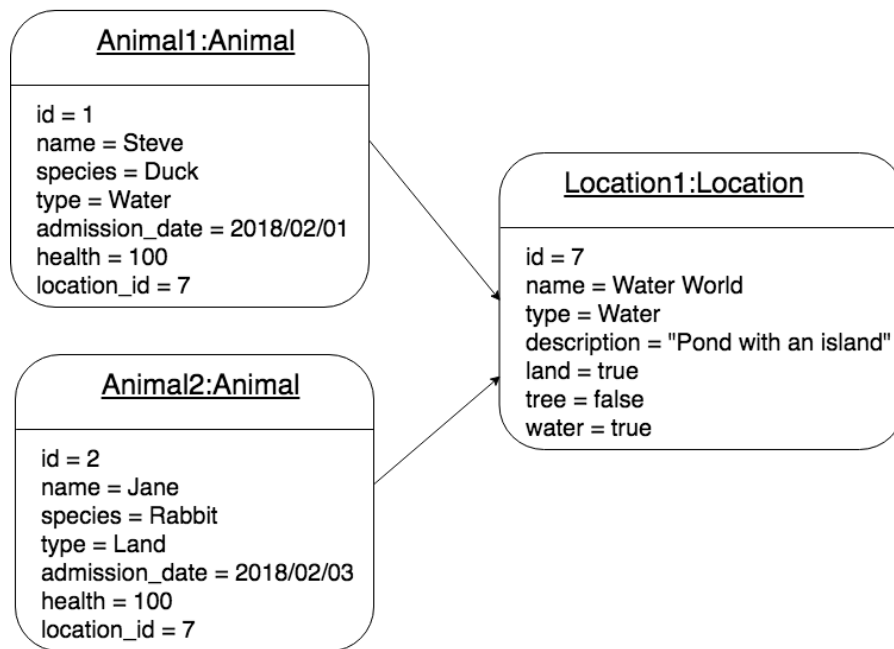
A.D 1 - A 'Use Case' Diagram



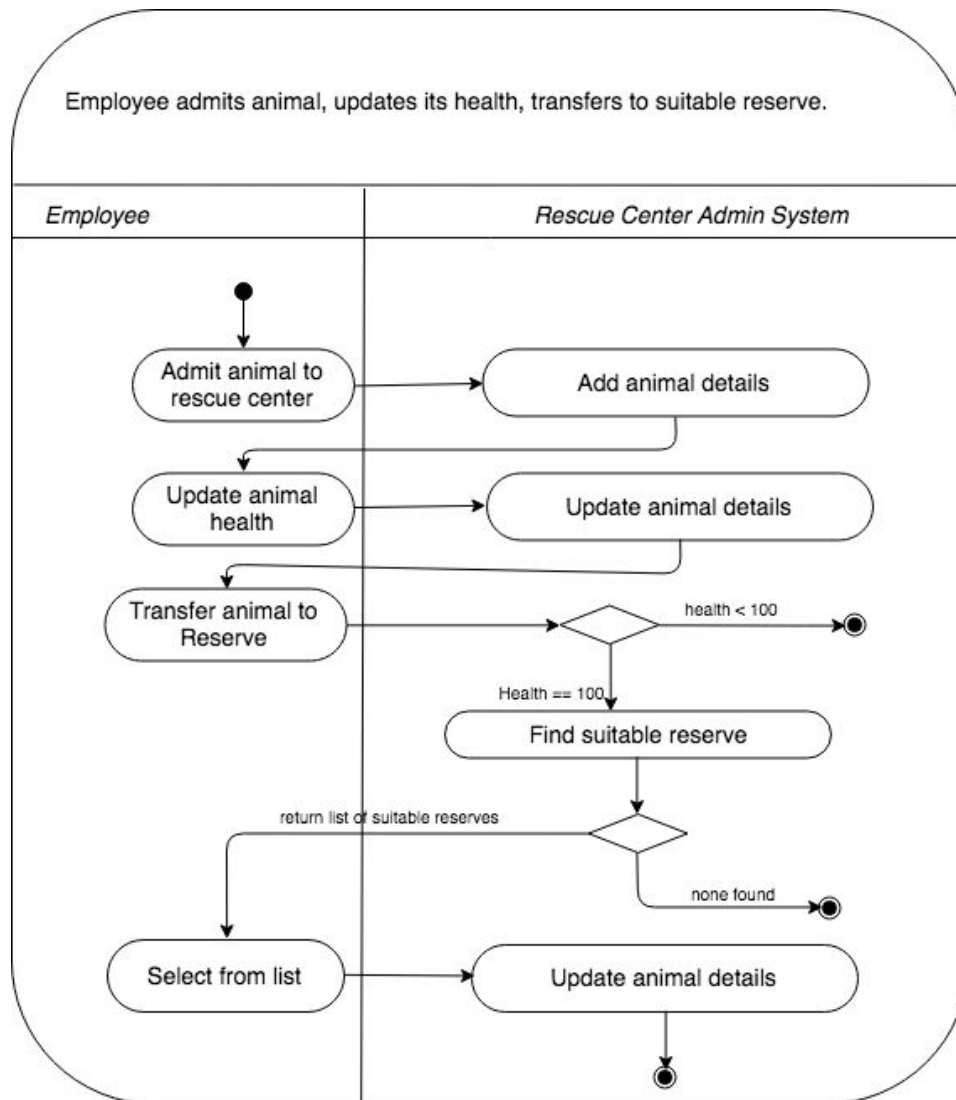
A.D 2 - A 'Class' Diagram



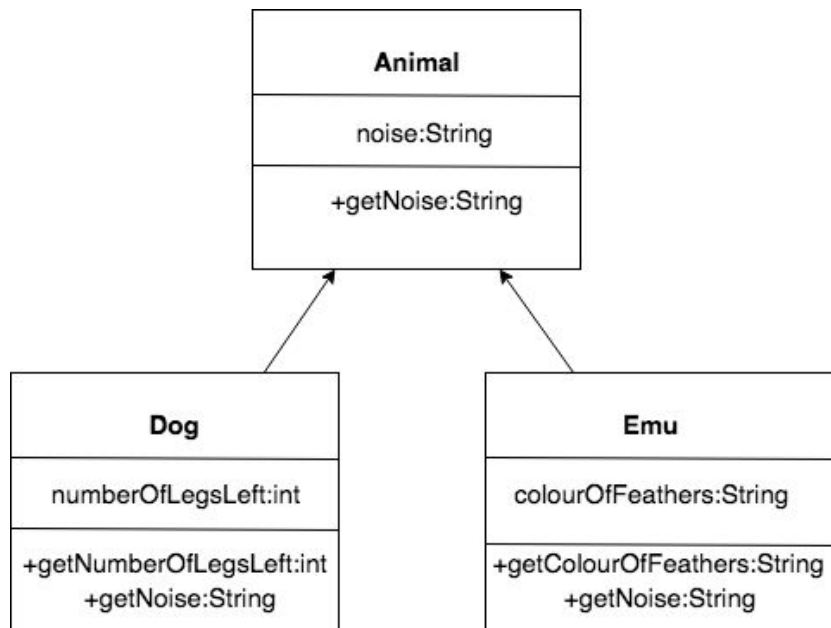
A.D 3 - An 'Object' Diagram from a project



A.D 4 - An 'Activity' Diagram for a project



A.D 5 - An inheritance diagram:



A.D 6 - Produce an Implementations Constraints plan detailing the following factors

Topic	Possible Effect of Constraint on the Project	Solution
Hardware and software platforms	a) Subscriptions needed = \$\$\$ b) Limited selection of consumer goods it can run on	a) Use open source software b) Produce multiple flavours of product for all goods
Performance requirements	Limited capability to do high end graphics.	Try different techniques to allow less intensive processing but same result
Persistent storage and transactions	Needs constant internet	Create local database
Usability	Can't have as high contrast colours, and crazy flashing.	Have options to allow user to turn on if they wish.
Budgets	Limit amount of people that can work on it	Get pre-funding, outsource to cheaper developers.

Time	Limit the number of features that can be created	Prioritise essentials, drop none essentials.
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