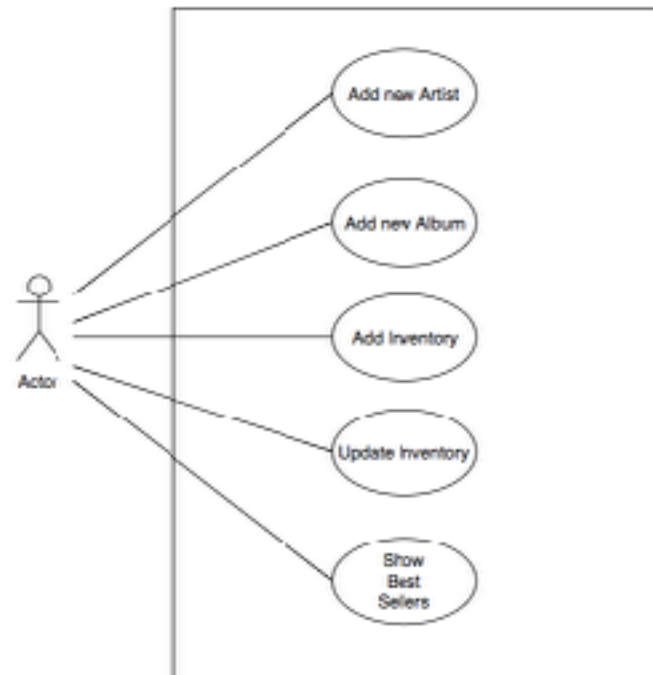


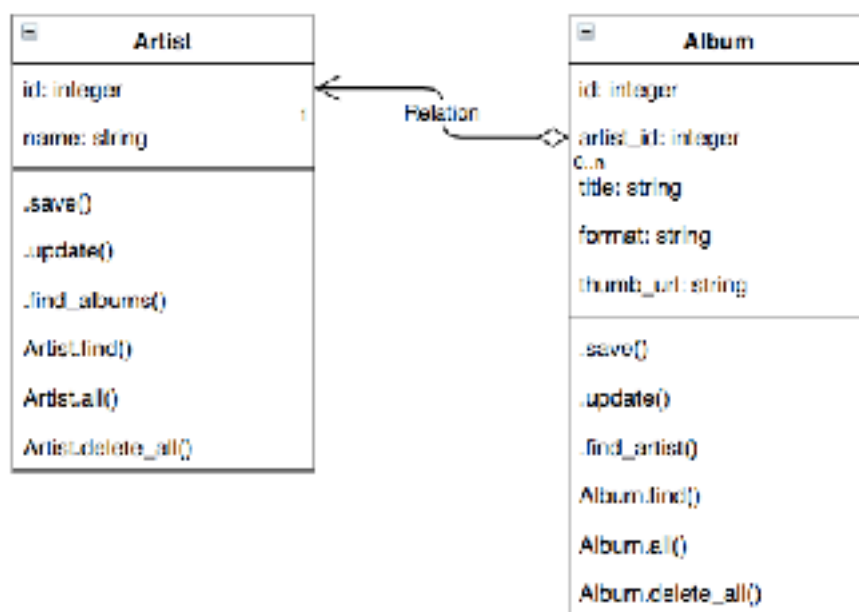
## PDA - Evidence for Analysis and Design Unit.

David Rawson  
Cohort E18

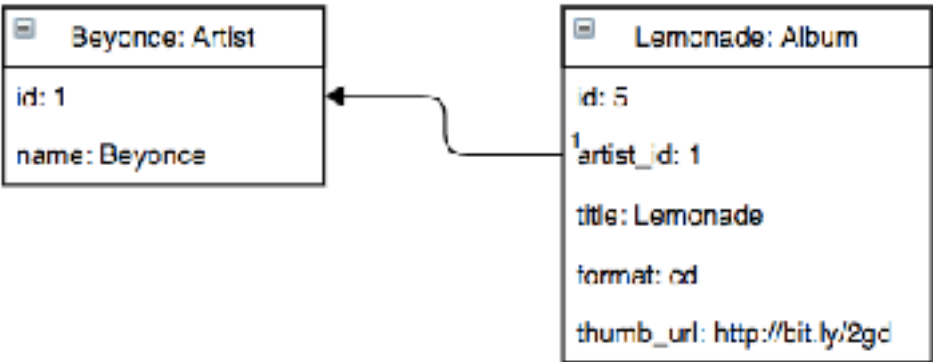
### A.D.1 - A Use Case Diagram



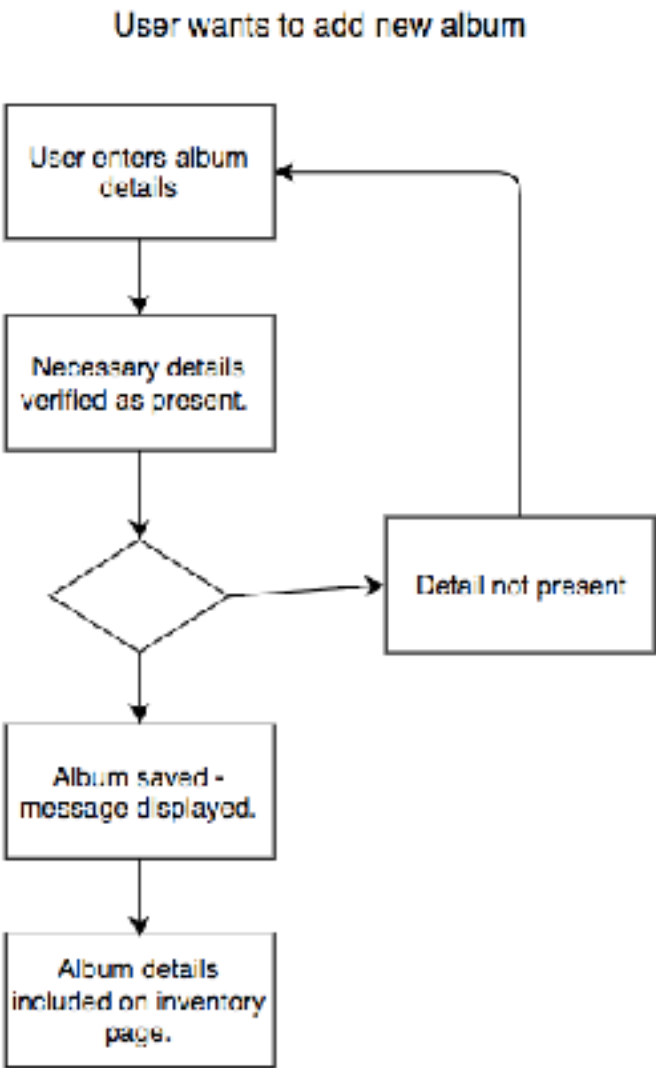
### A.D.2 - A Class Diagram



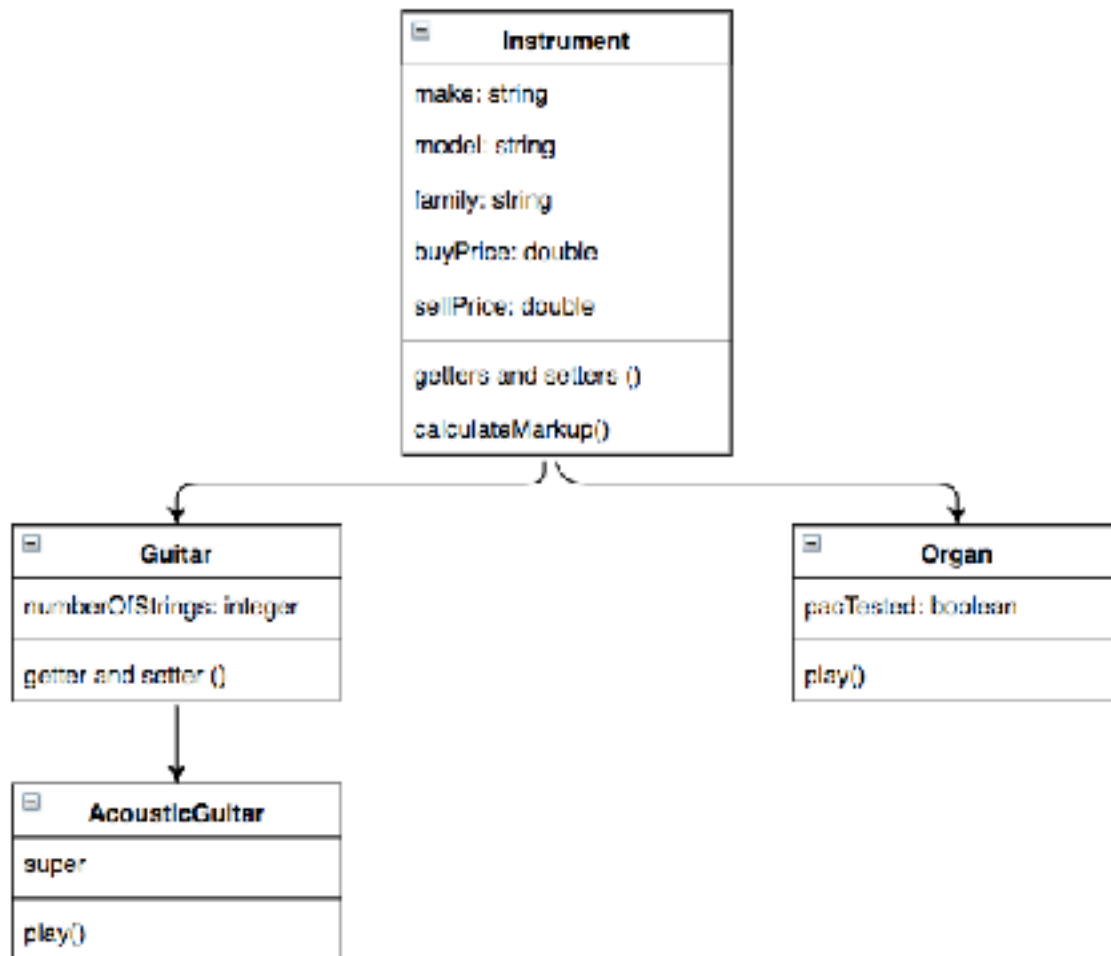
A.D. 3 - An Object Diagram



A.D.4 - An Activity Diagram



### A.D.5 - An Inheritance Diagram



### A.D.6 - Implementations Constraint Plan

Topic	Possible effect of constraint on product	Solution
Hardware and software platforms	Not currently optimised for mobile viewing which could effect the number of potential customers.	Simplify design so that both desktop and mobile are supported. Carry out testing on a wide variety of devices.
Performance requirements	Parse document as fast as possible after request or potential customers will look elsewhere.	Use Javascript asynchronous loading for faster display of product page.
Persistent storage and transactions	As customer base grows, and with time the database could become unwieldy.	Introduce time limit for database persistence and archive older records.
Usability	The site is not currently optimised for the visually impaired which limits our customer base.	Rethink design decisions - larger buttons etc. Carry out screen reader testing.
Budgets	Not applicable.	Project completed whilst studying at CodeClerk.
Time	Short timeframe may make extended functionality difficult to test sufficiently.	Prioritise work on stable functioning minimum viable product.