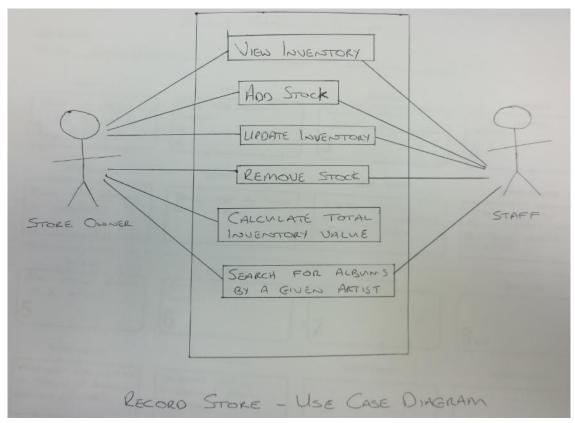
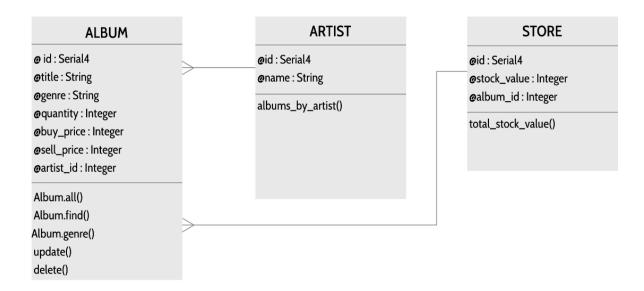
PDA DIAGRAMS

USE CASE DIAGRAM



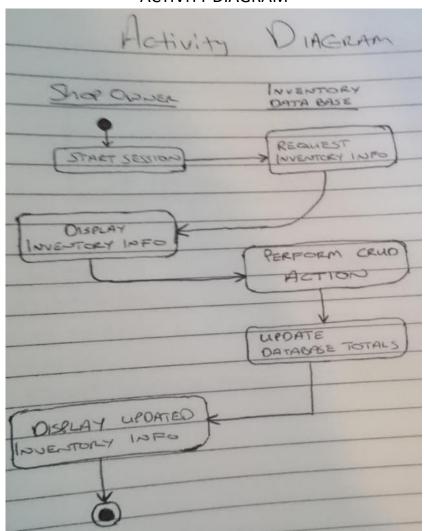
CLASS DIAGRAM



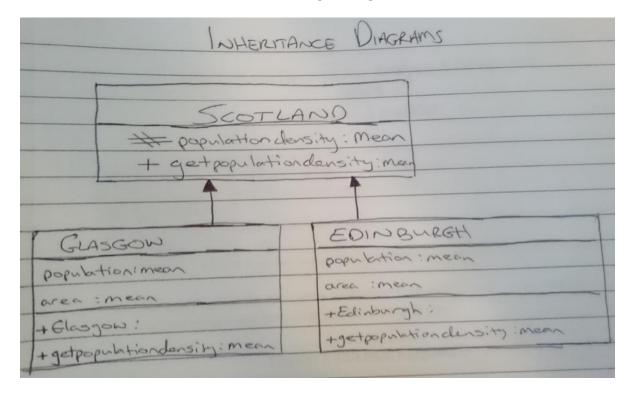
OBJECT DIAGRAM

Object Diagr	um_	
Albuml: Album	Artist1: Artist	
id - 1	id = 4	
title = Toxicity	name & System Of H Down	
genre = metal		
quantity = 5	7	
buy-price = 3	shop: STORE	
Sell-price = 6	id 2 1	
Sell-price	stock_value = 200	
artist_id = 2		

ACTIVITY DIAGRAM



INHERITANCE DIAGRAM



TOPIC	POSSIBLE EFFECT OF CONSTRAINT ON PRODUCT	SOLUTION
Hardware and Software Platforms	Needs to be responsive to be viewed on desktop and mobile.	Use flexbox and media queries to allow easy resizing on different viewer sizes.
Performance Requirements	Potentially large amounts of data to be displayed.	Use multiple pages to display minimal information at one time. Little to no graphics.
Persistent Storage and Transactions	No transactions, large volume of data to be stored.	Use SQL database to store information and have a backup hard-drive to store data.
Usability	Small links and buttons could be difficult to press using a tablet.	Only one user, make clickable content large enough to be easily tapped.
Budgets Time	No budget constraints Not all m.v.p features could be complete.	n/a Web-app functionality is the priority and styling will be completed in remaining time.