

CS3305 - Team Software Project

Deliverable 1

Project Brief

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Project name: Group 13 - E-commerce Platform

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Owner Jason Quinlan

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Major Stakeholder	Notes
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Jason Quinlan

Killian
O'Driscoll

Kevin Mukura

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Kiu Man Yeung

Hassan Tariq

Introduction:

The aim of our project is to create an e-commerce platform that allows users to register an account and within their account they can create a user profile in which they can upload products or write posts. The e-commerce platform will also incorporate a graphical user interface that will be used to get a prediction based on the data provided by users and compare it to other users and predict prices in the range of 12 months. The web application will be well authenticated that maintains user integrity and proven prediction of a specific data type.

What the product is :

- This is an ecommerce platform that allows users to register an account and create a profile within the account to upload and post products
- The product is easily scalable, making it easy for users to add new products and search other users for similar products.
- The product will include a graphical user interface which will give the value of the product in the range of 12 months by comparing with other products and data and other attributes/features.

What the product does:

- The product provides a platform for users to showcase their products and find potential customers for their products and provide further business opportunities.
- The product allows users to not only sell their products but compare them to competitors and find an optimum price.
- Users can use the product to figure out what will be the value of their products in the range of 12 months time.

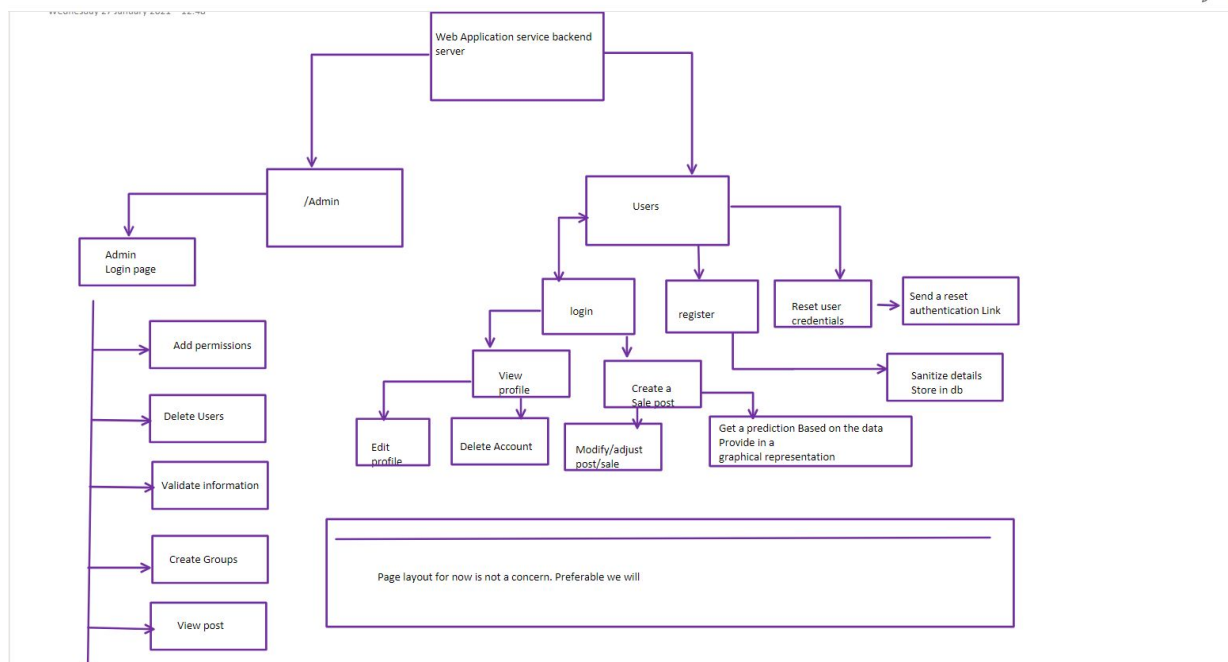
What other solutions are out there:

There are other e-commerce platforms out there that allow users to just upload products and select a price they want their product to be sold. For example: Depop. In our product we implement a system which gives price predictions based on the value of the item and comparing it to other sellers selling an identical product on the platform. We believe this is a unique service that other platforms don't particularly provide which will give customers an accurate price representation for the value of the product and make it easier for sellers to set an accurate price range.

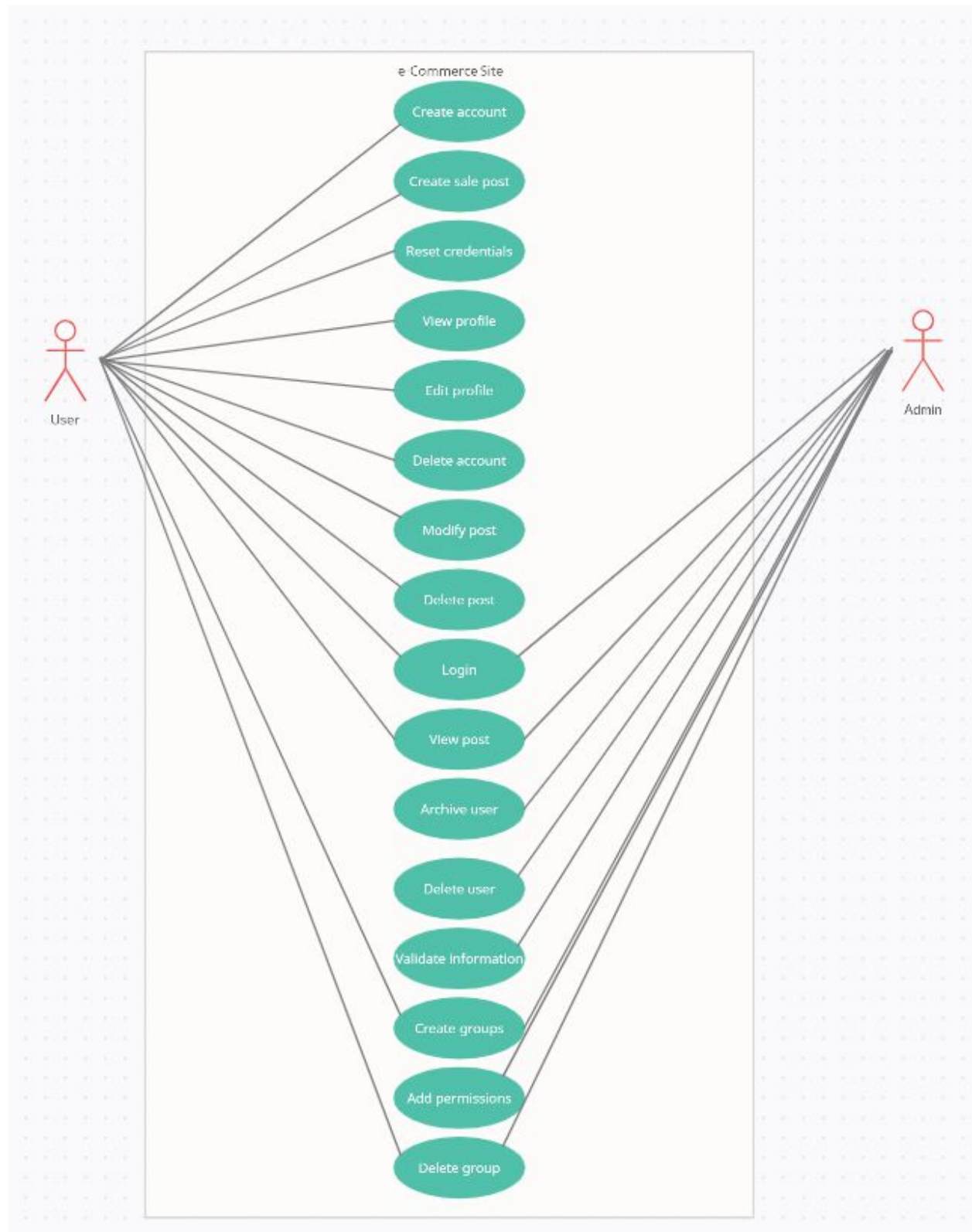
Further features that could be added:

- Mobile optimization
- Chat system (mentioned in meeting)
- Marketing automation

Tree Diagram:



Use Case Diagram:



Role	Reports to	Appointee
Product Owner		Jason Quinlan
Front end Developer		Kiu Man Yeung
Back end Developer		Kevin Mukuna/ Kieran James Sheedy O' Sullivan
Document/ Presentation		Hassan Tariq/ Killian O' Driscoll