

Information Guide

Agri Market

What it is and why it's important

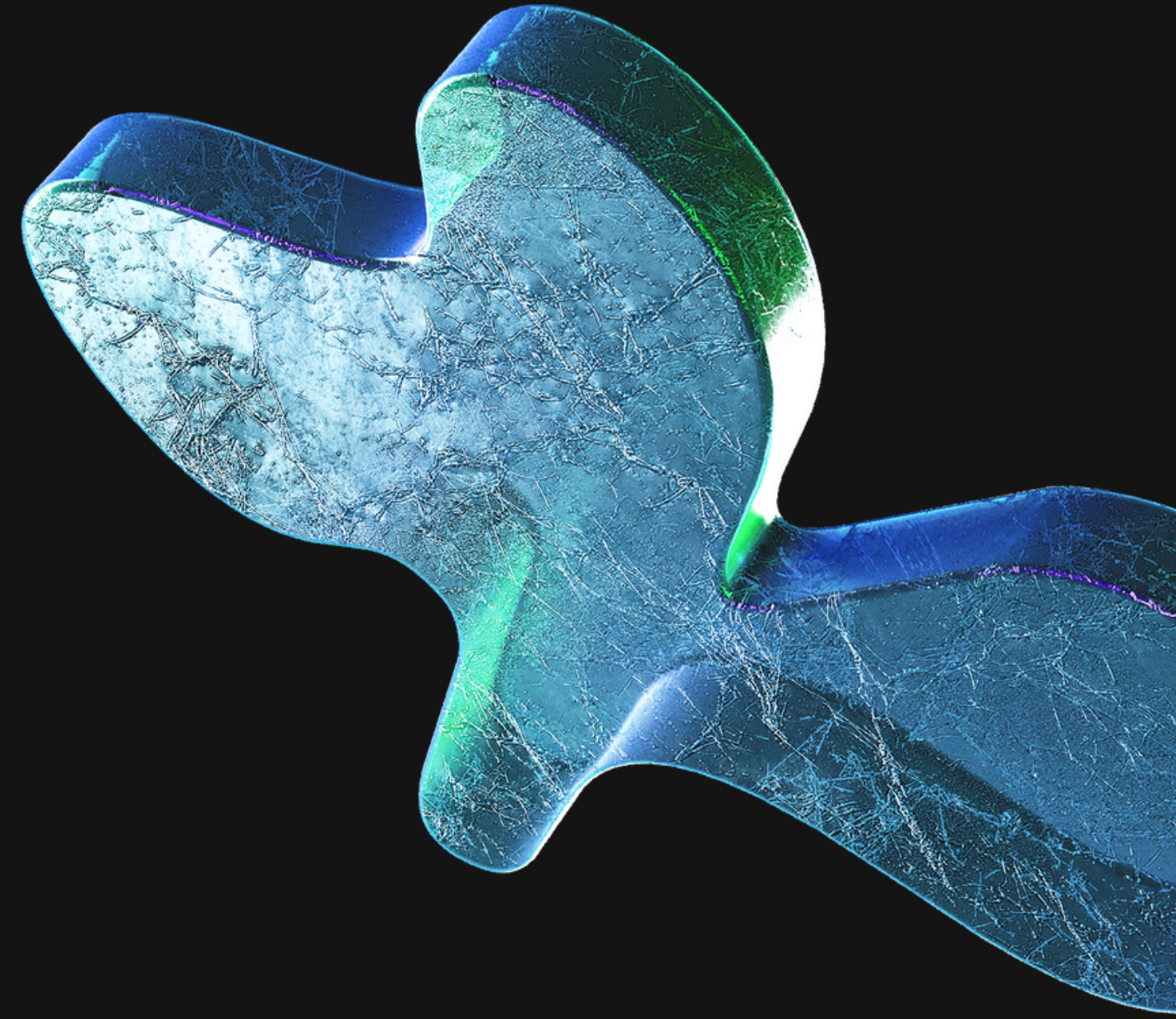
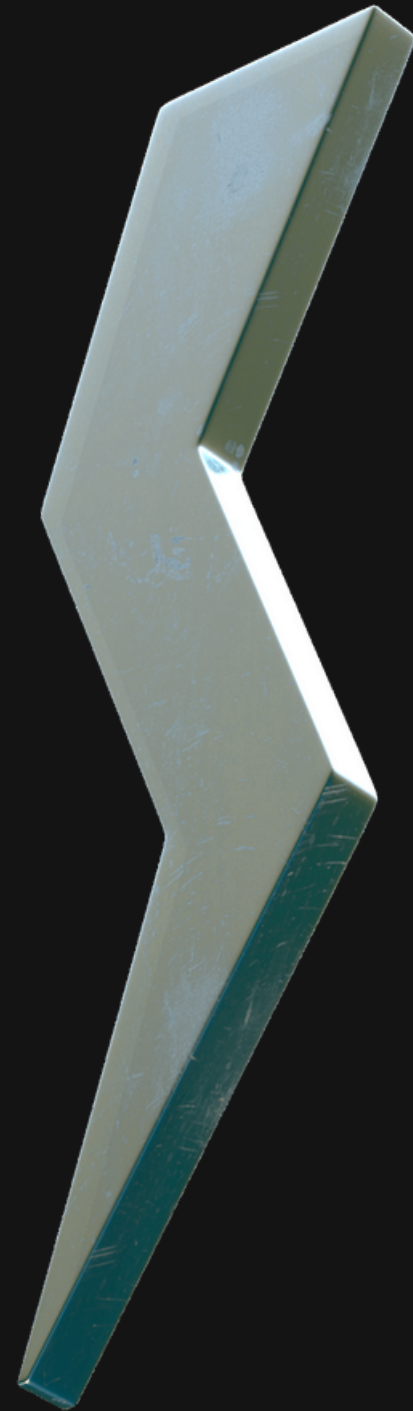


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Statement of the problem



Objective of the project



Description of the existing system



Functional and Non-Functional requirement



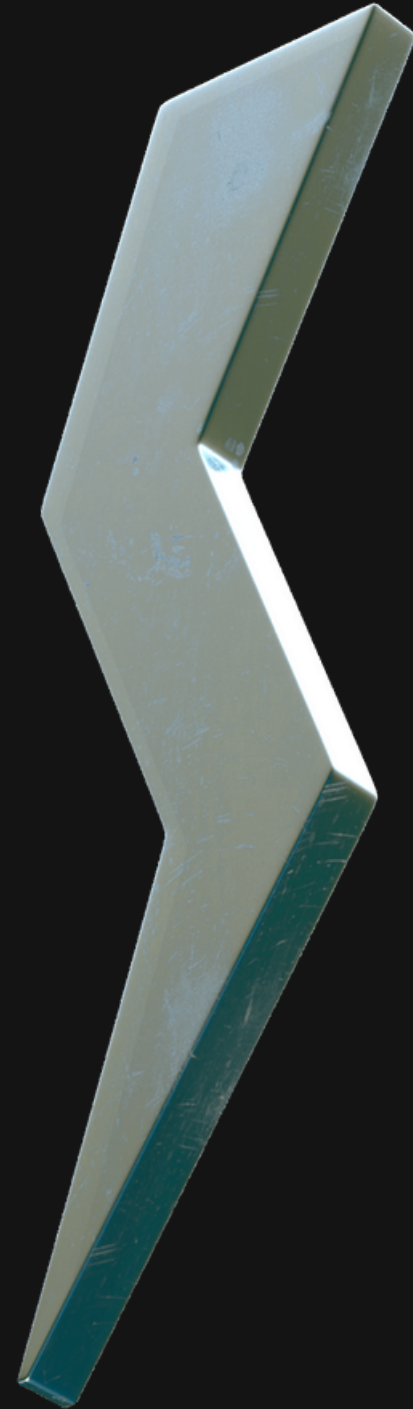
Use case diagram



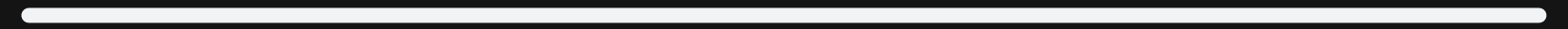
Class Diagram

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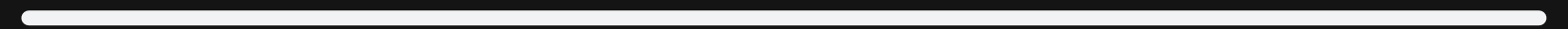
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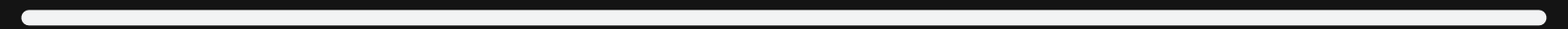
Sequence Diagram



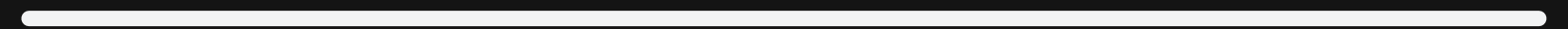
State diagram



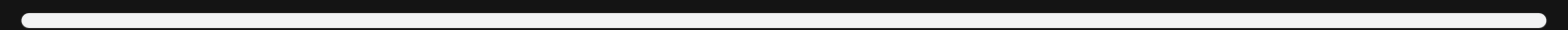
Activity diagram



system architecture



subsystem decomposition



Component diagram

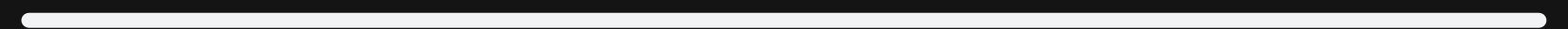
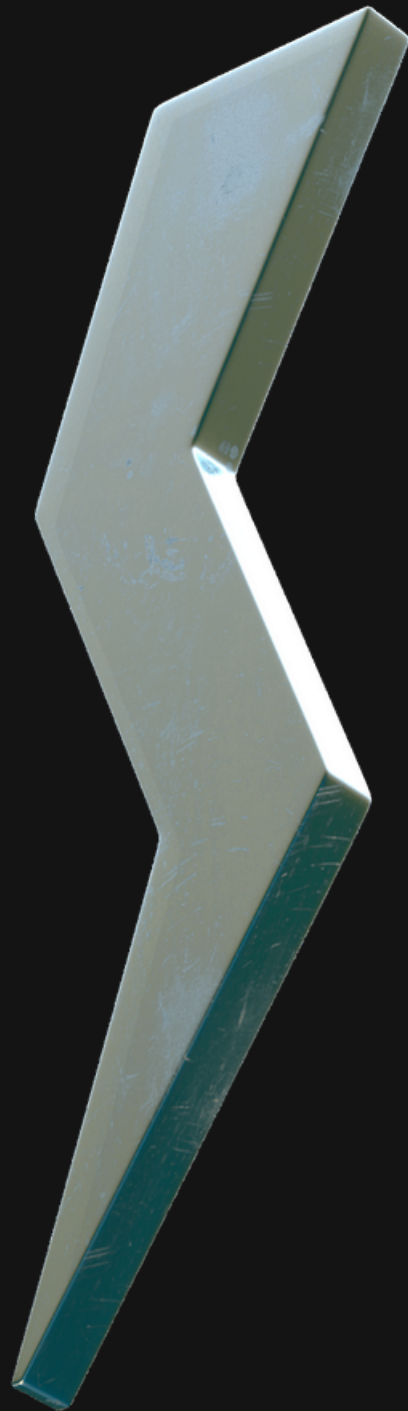
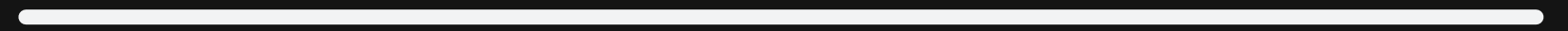


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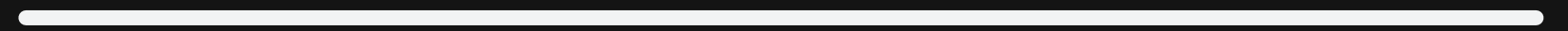
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Deployment Diagram



Database design



Team Members

Solome Yemane

Duresa wata

Flagot Mulugeta

Yemisrach Abay

Statement of the problem

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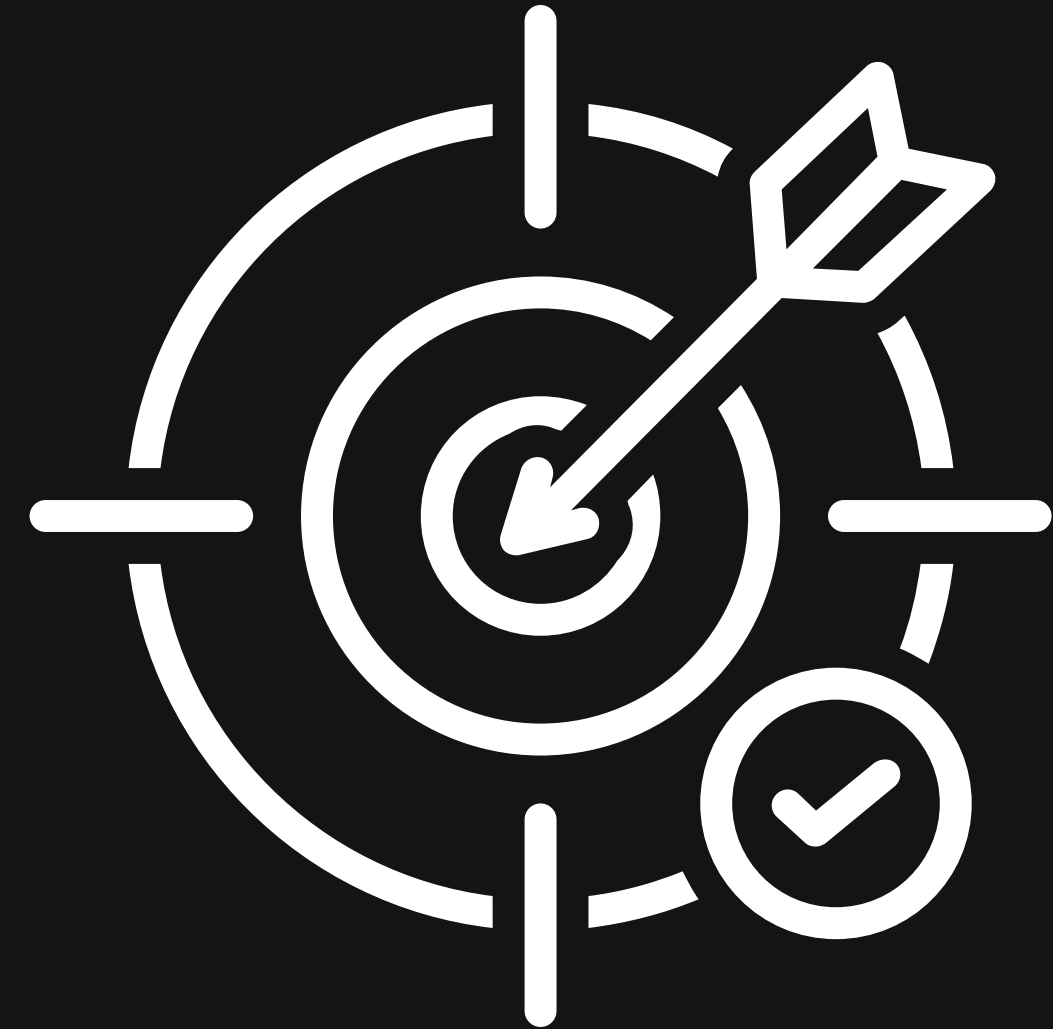
Statement of the Problem

Problem Statement

"The current system is not computerized and has a lot of drawbacks that could be minimized a lot with implementation of web based system "



Objective



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Objective of the Project

General Objective

The general objective of this project is to build a web-based application that helps in agricultural market management system that helps farmers reach the customers.



Objective of the Project

Specific Objective



Studying about problem of the existing market



Gathering required information for proposed system



Analyzing the gathered information.

Description of the existing system



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Existing System

Intro to existing system



Currently the agricultural product management system is not organized and entirely depends on old non-automated system.



The process of buying and selling of agricultural is led by the market



the process of the trade depends on verbal communication between the participating organs.

continued ...

Actors of existing system



Farmers



Merchants



Consumer



Ministry of trade

continued ...

Activities in the Existing System



Maintaining the price information



Regulating the selling and buying of products



Supervise the overall trade activity



Controlling the quality

continued ...

Drawbacks of existing system



Performance (Response Time)



Security and Controls



Efficiency

Functional *vs* Non-Functional

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Functional Requirements



Login



Feedback and review



Manage account



upload photos



post products



Generate report



update profiles

Non-Functional Requirements



Users interface requirement



Well documented



Authentication Requirement



Resources



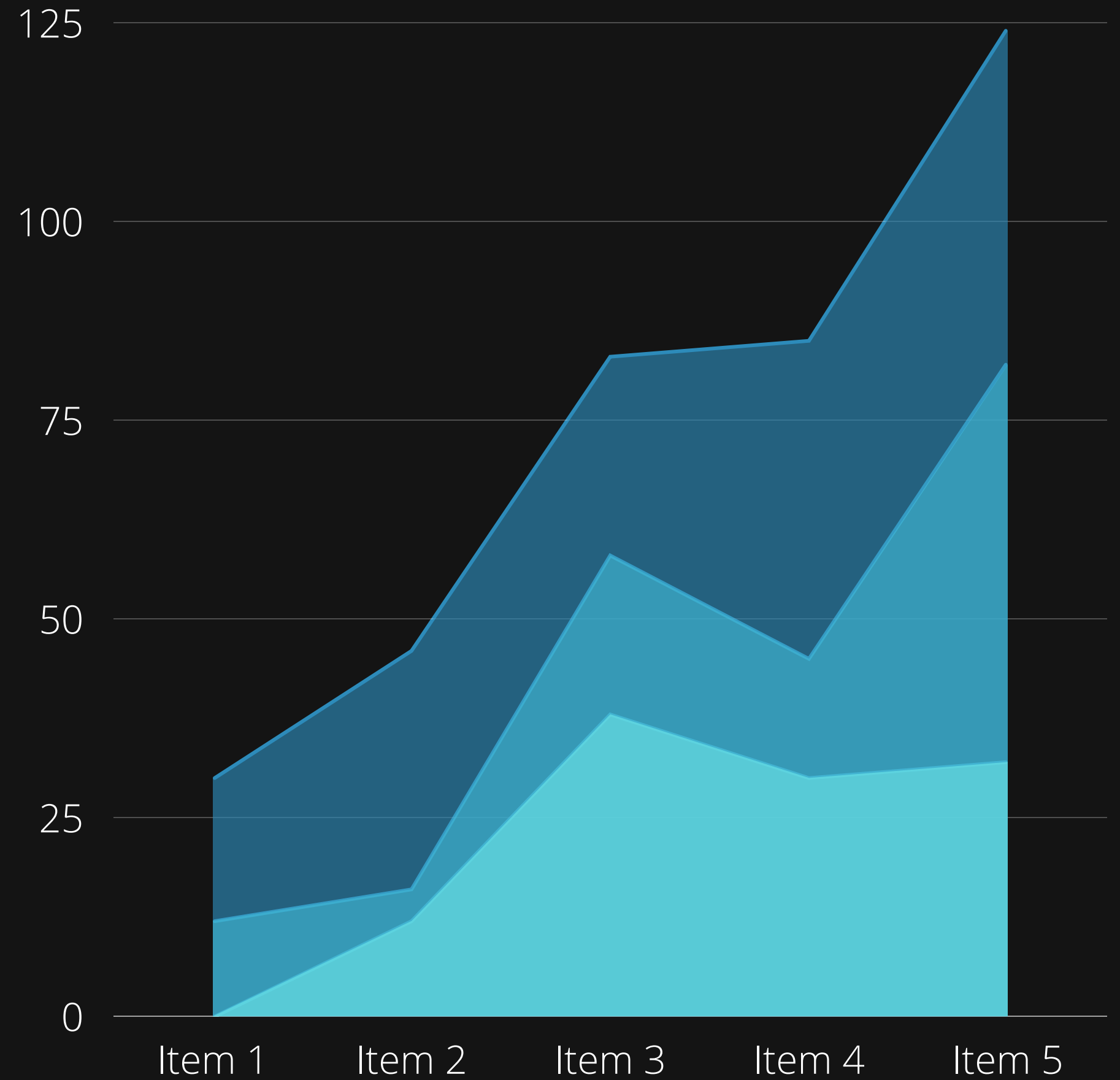
Robustness

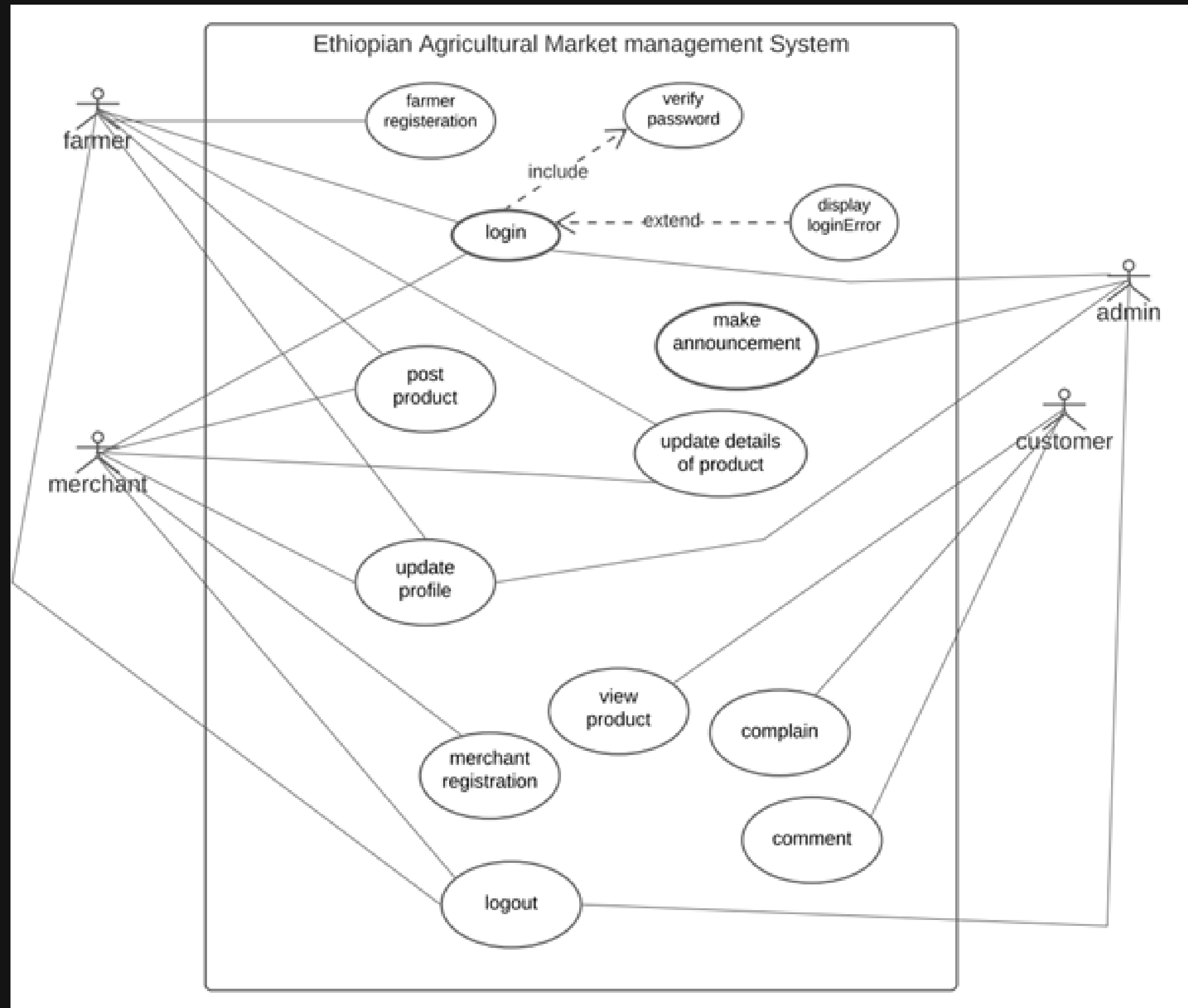


Accessibility

Use Case Diagram

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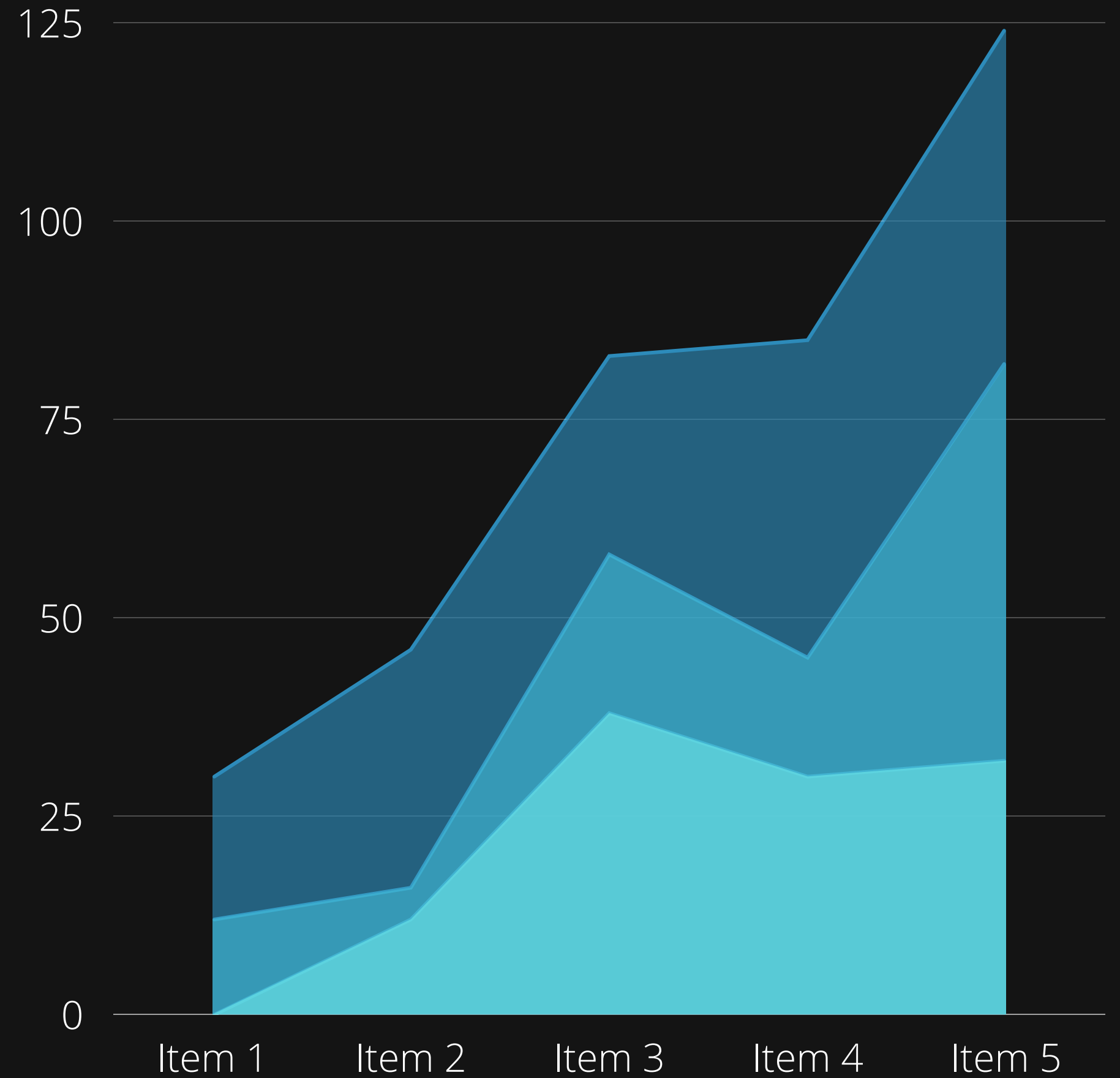




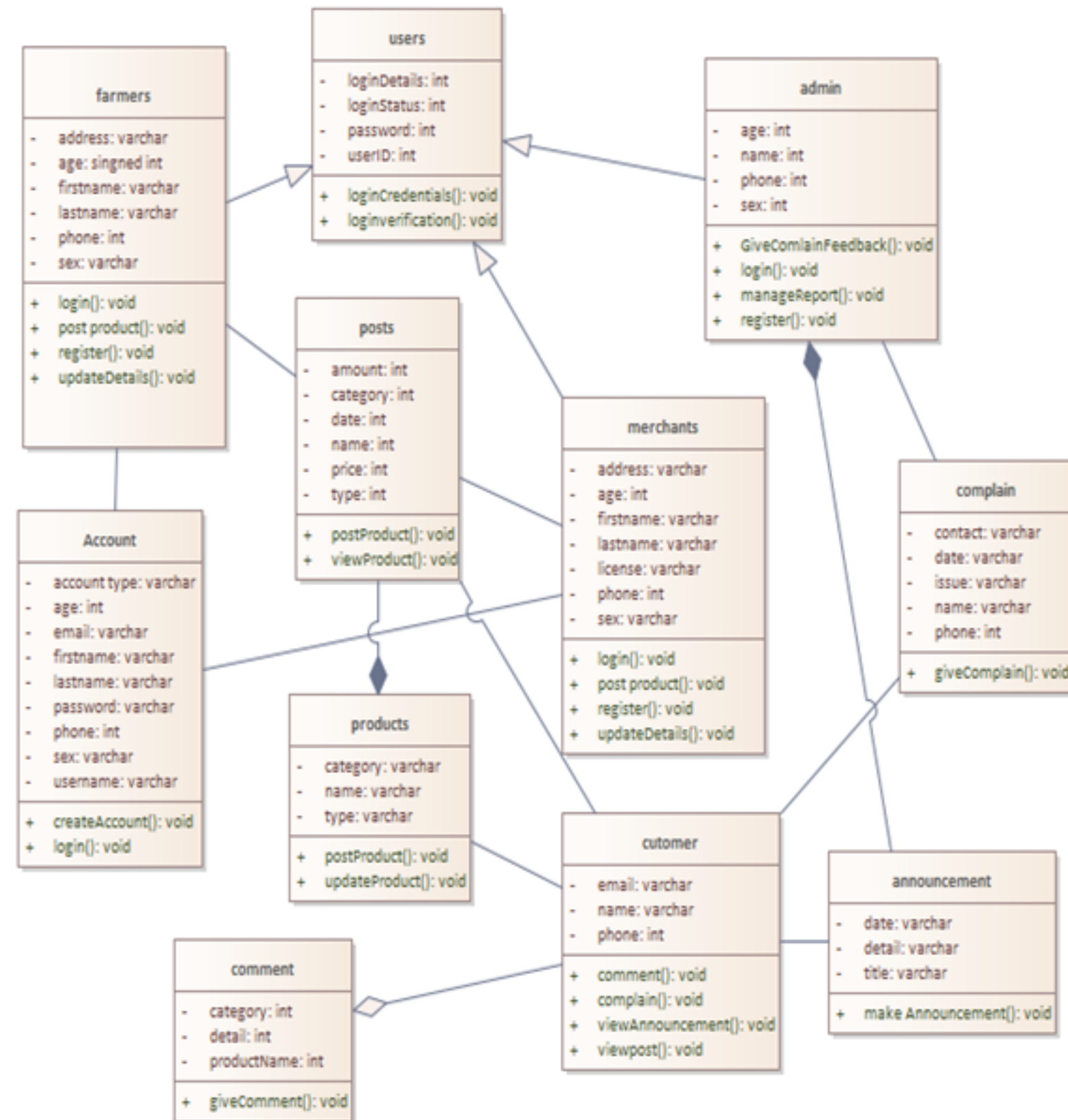
Tech Talks

Class Diagram

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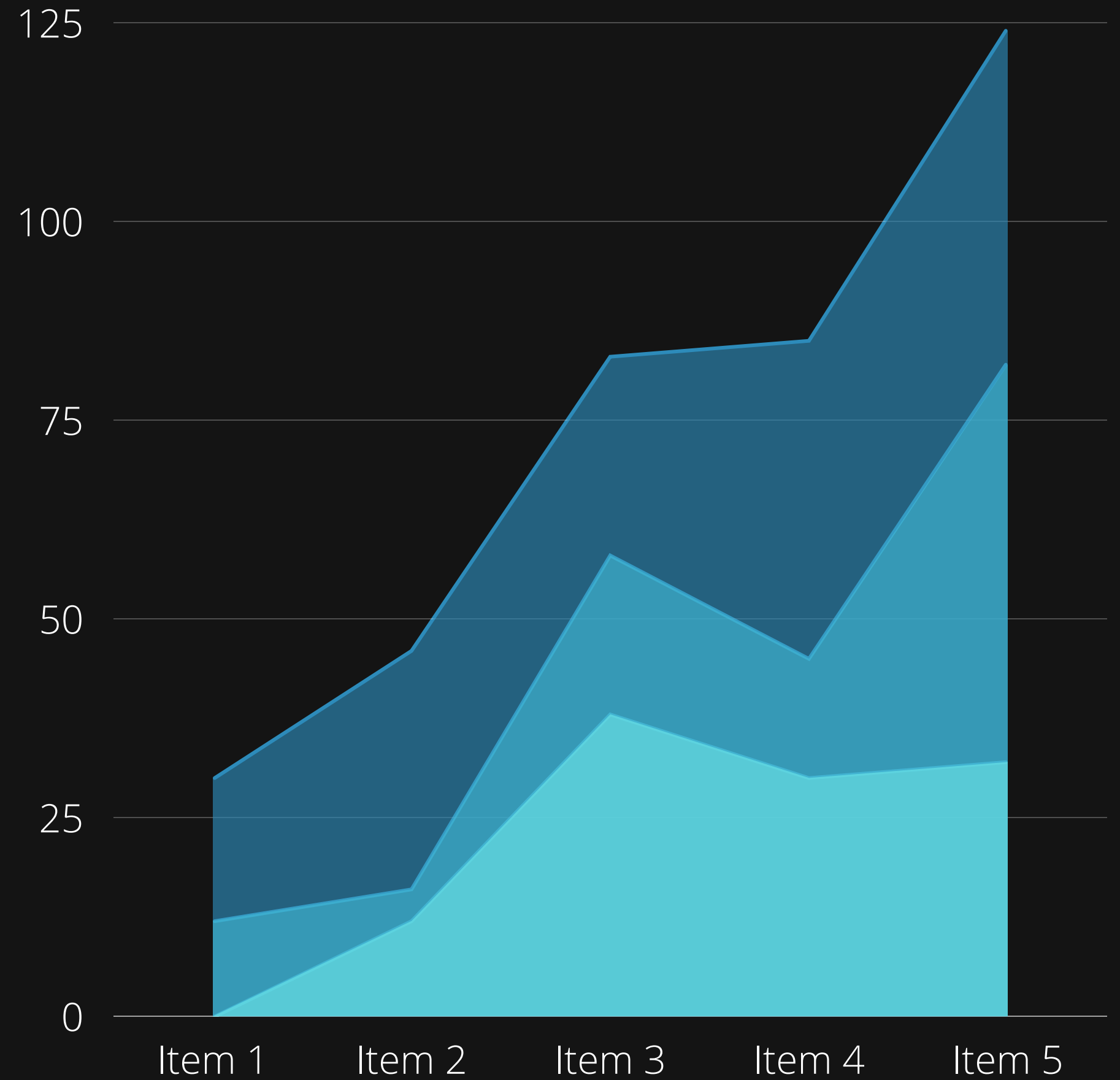


class class diagram for EAMMS

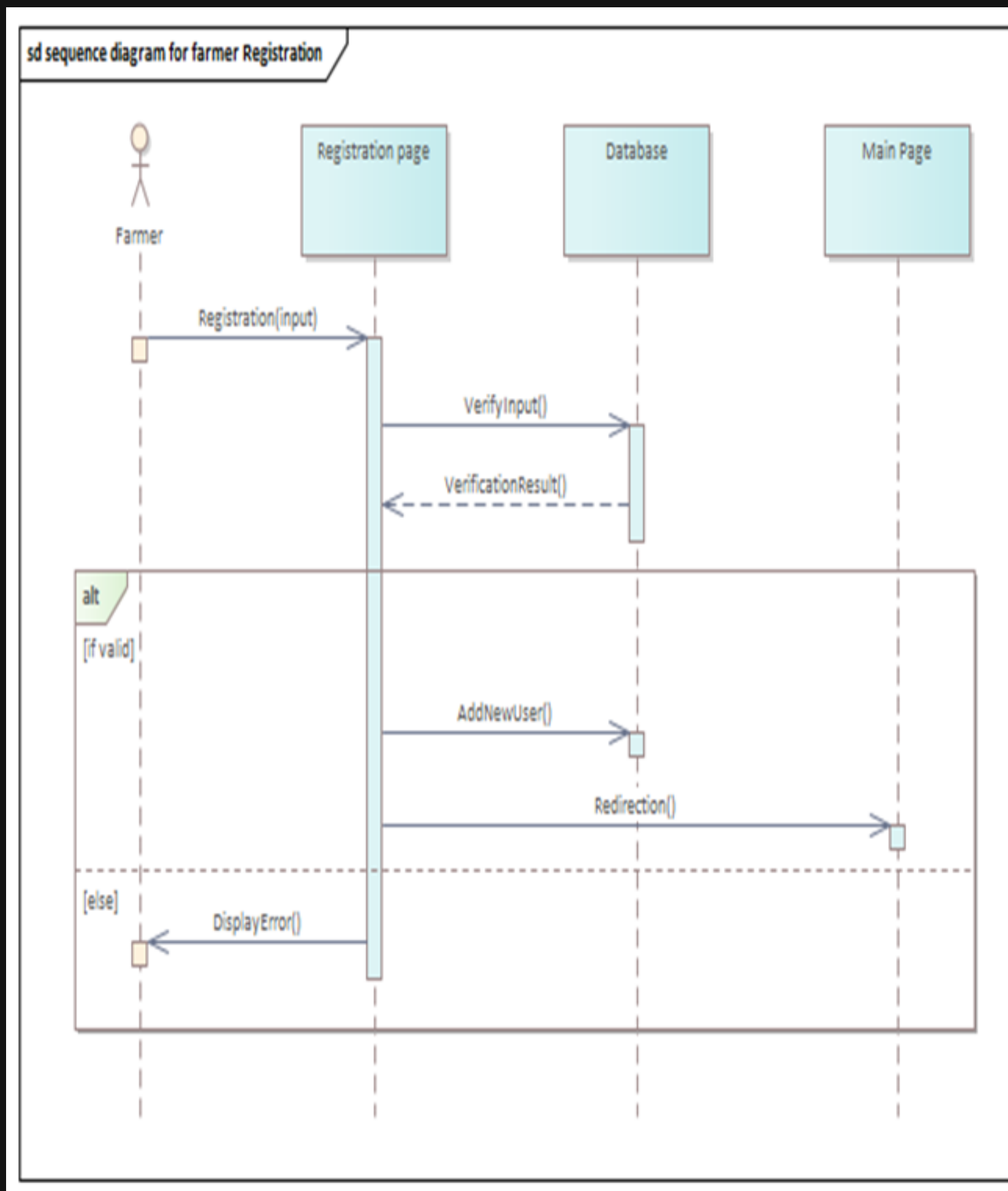


Sequence Diagram

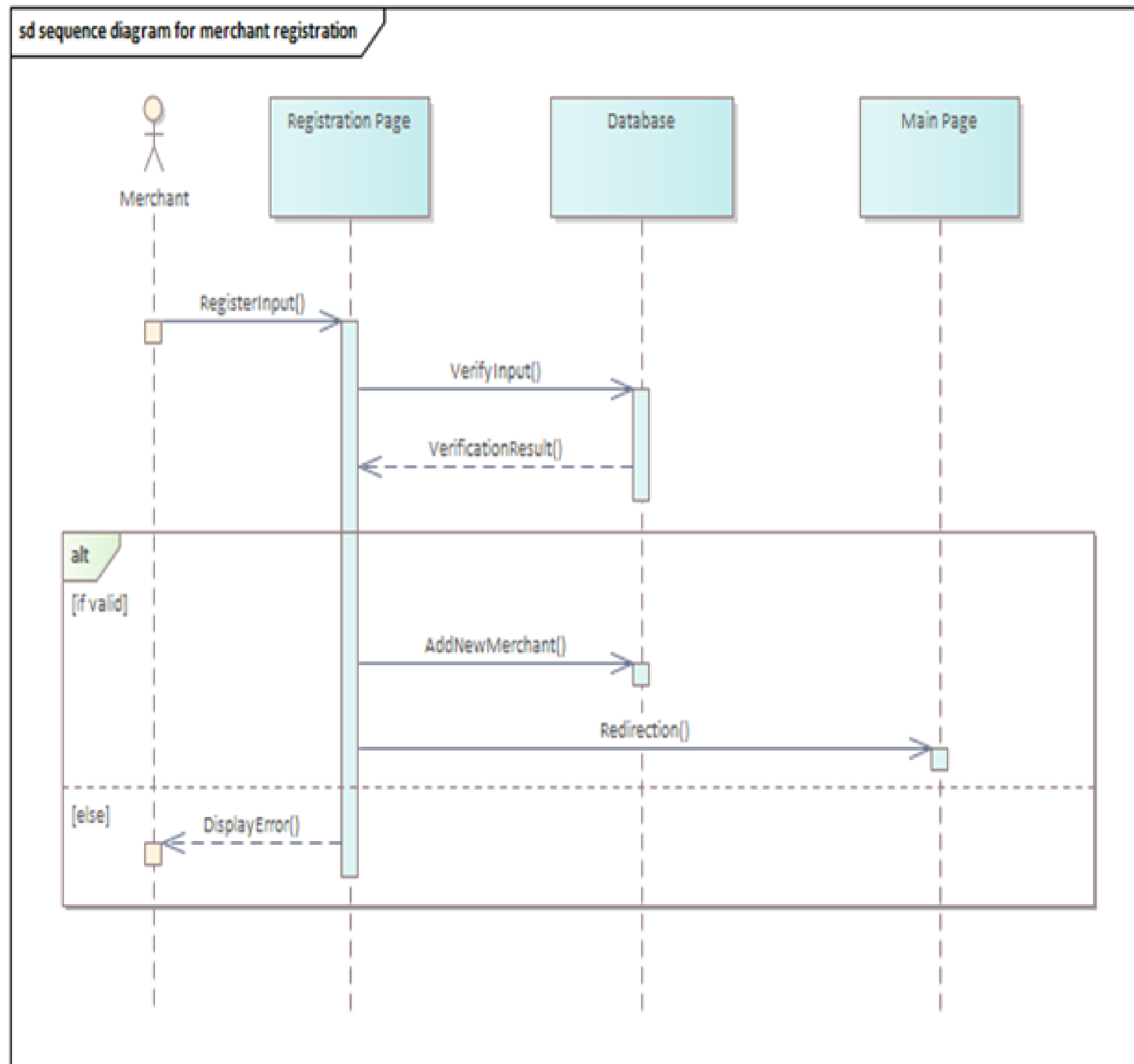
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Farmer Registration sequence Diagram



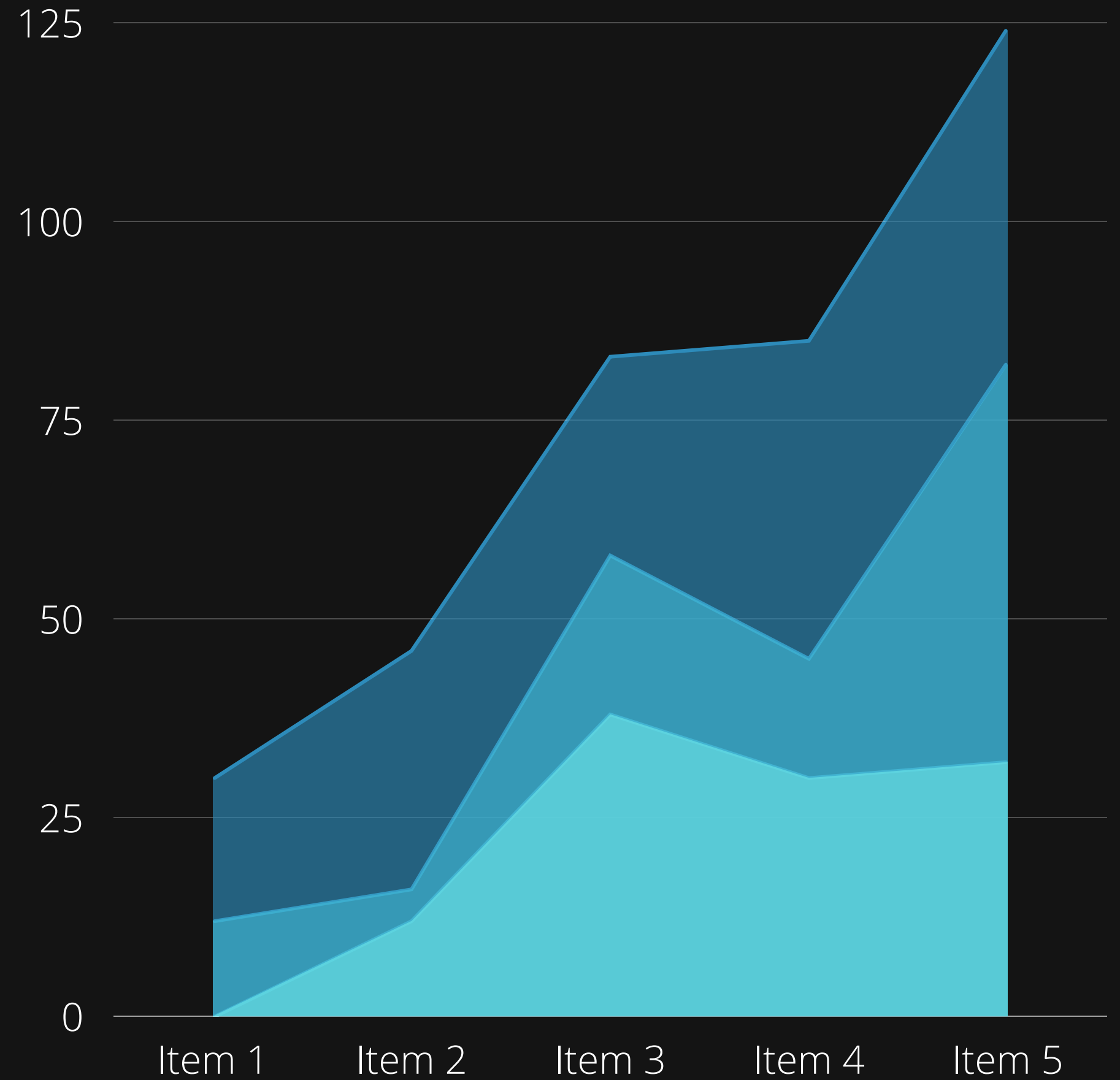
Merchant Registration sequence Diagram



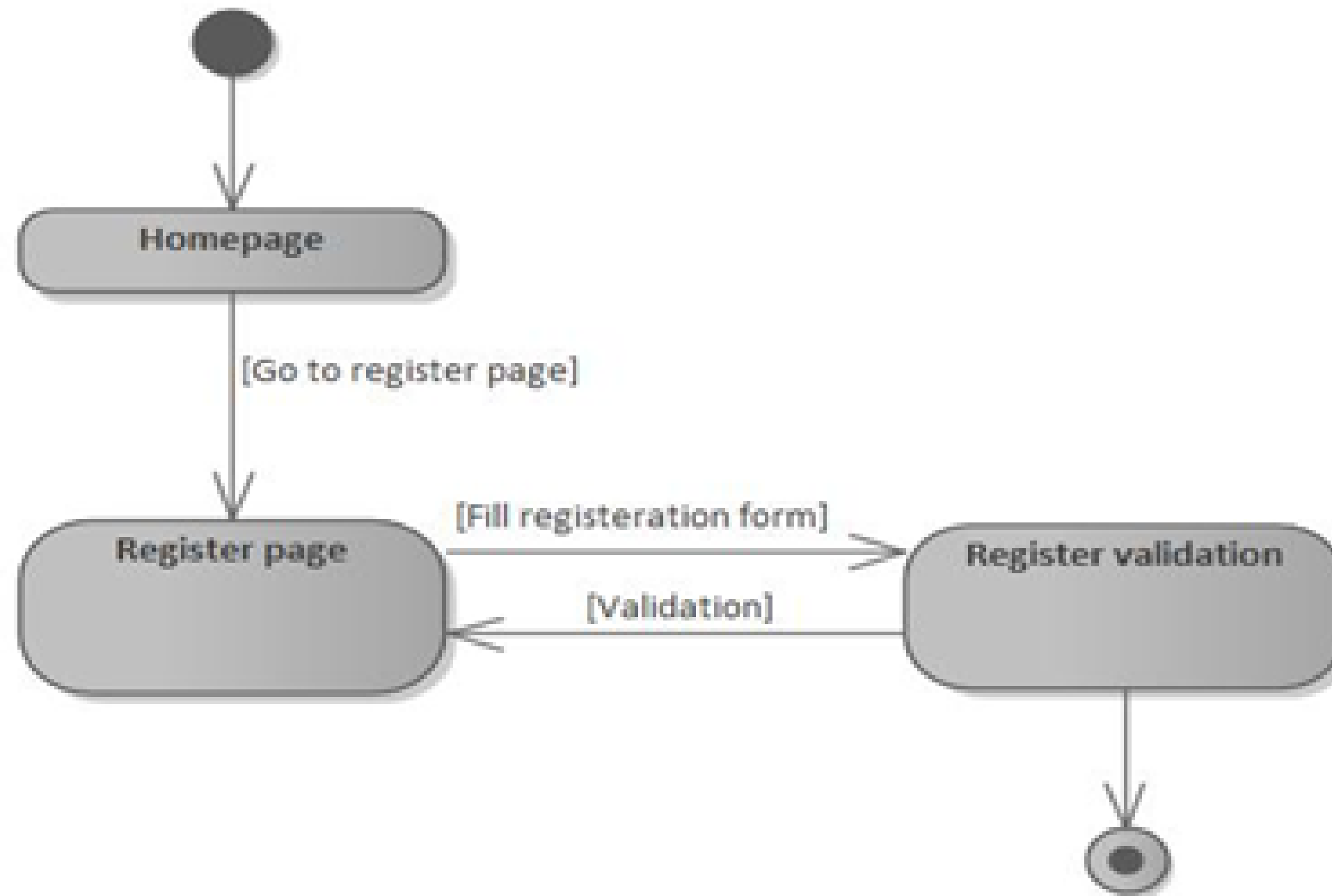
Tech Talks

State Diagram

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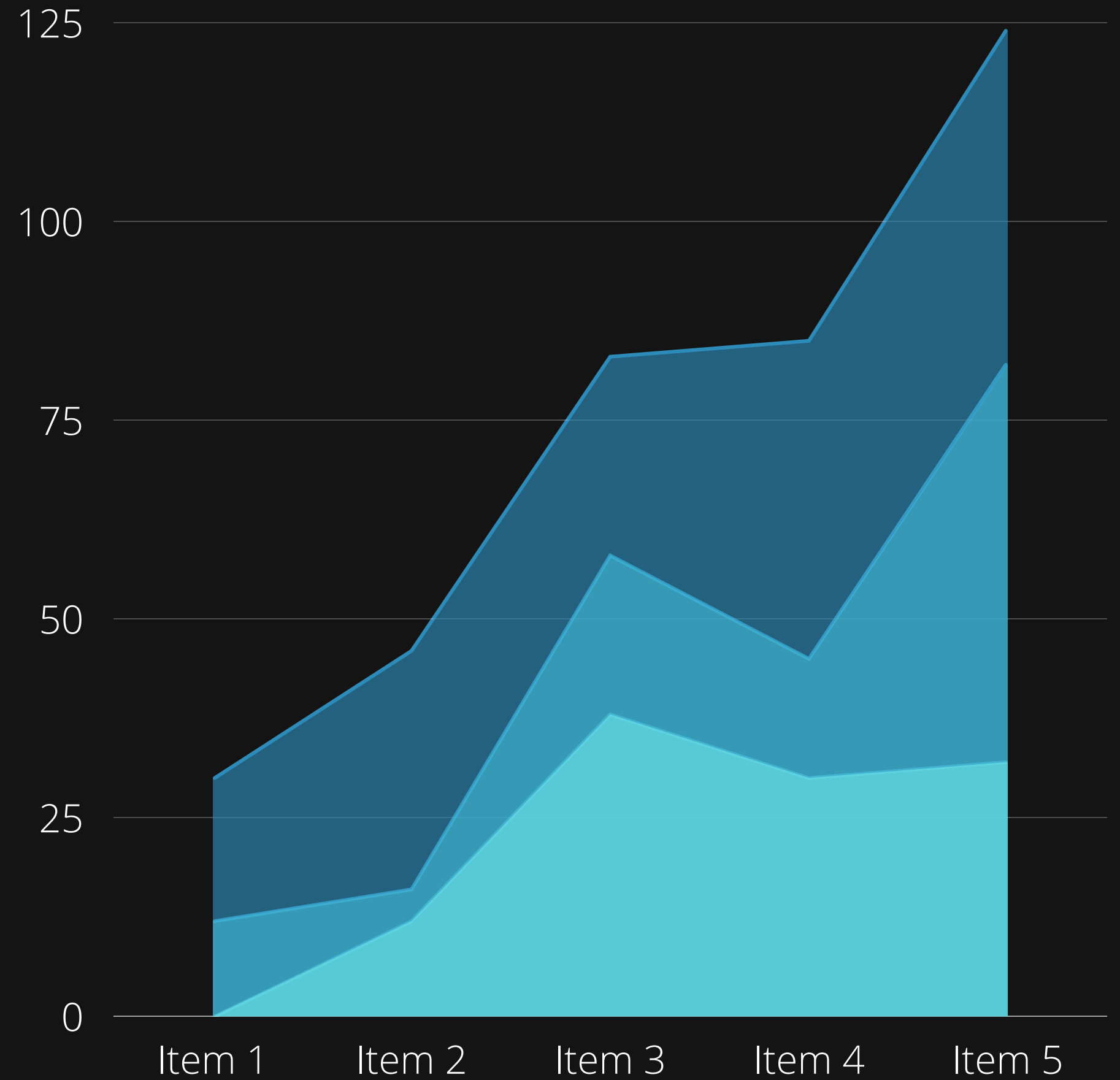


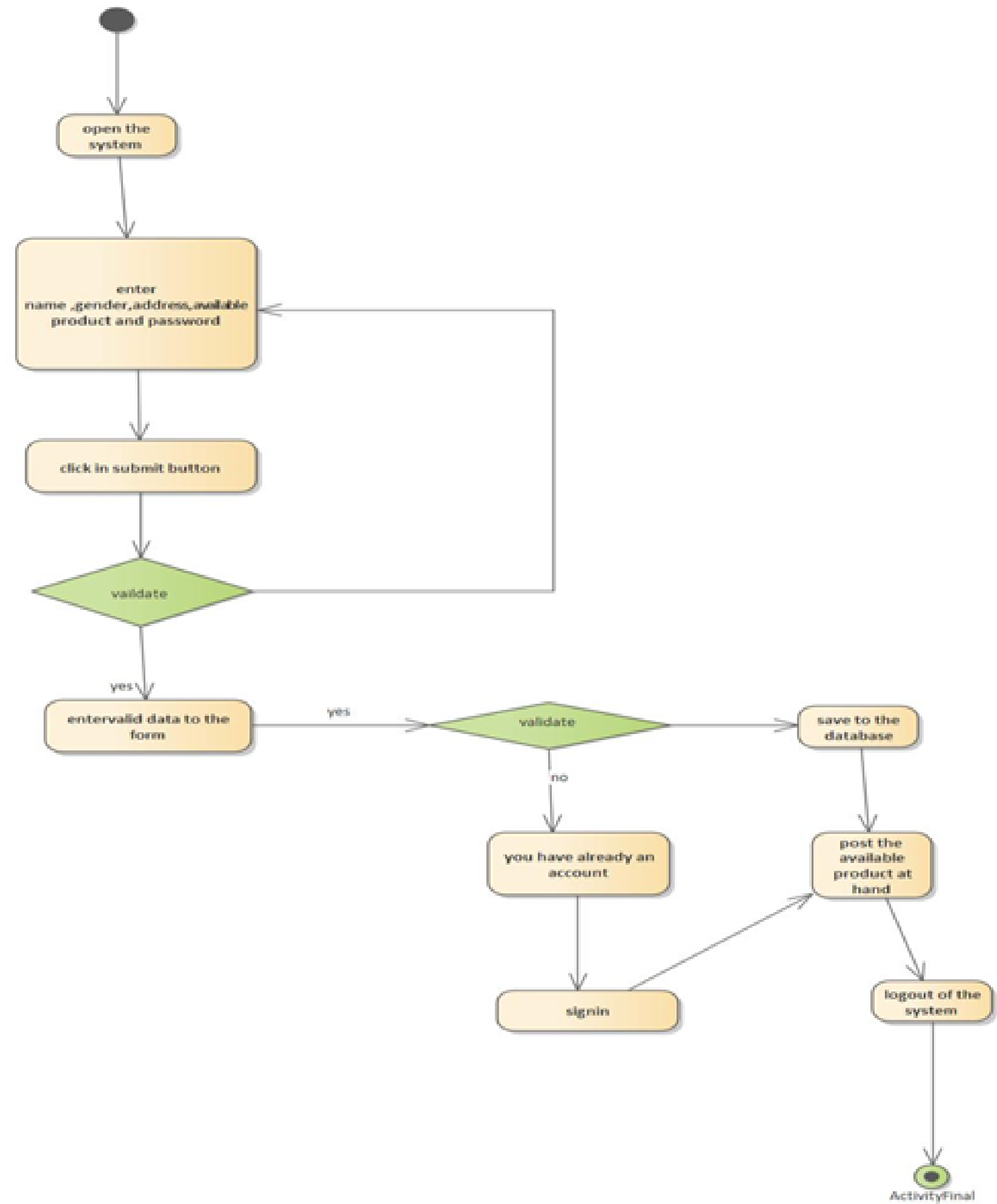
stm state chart



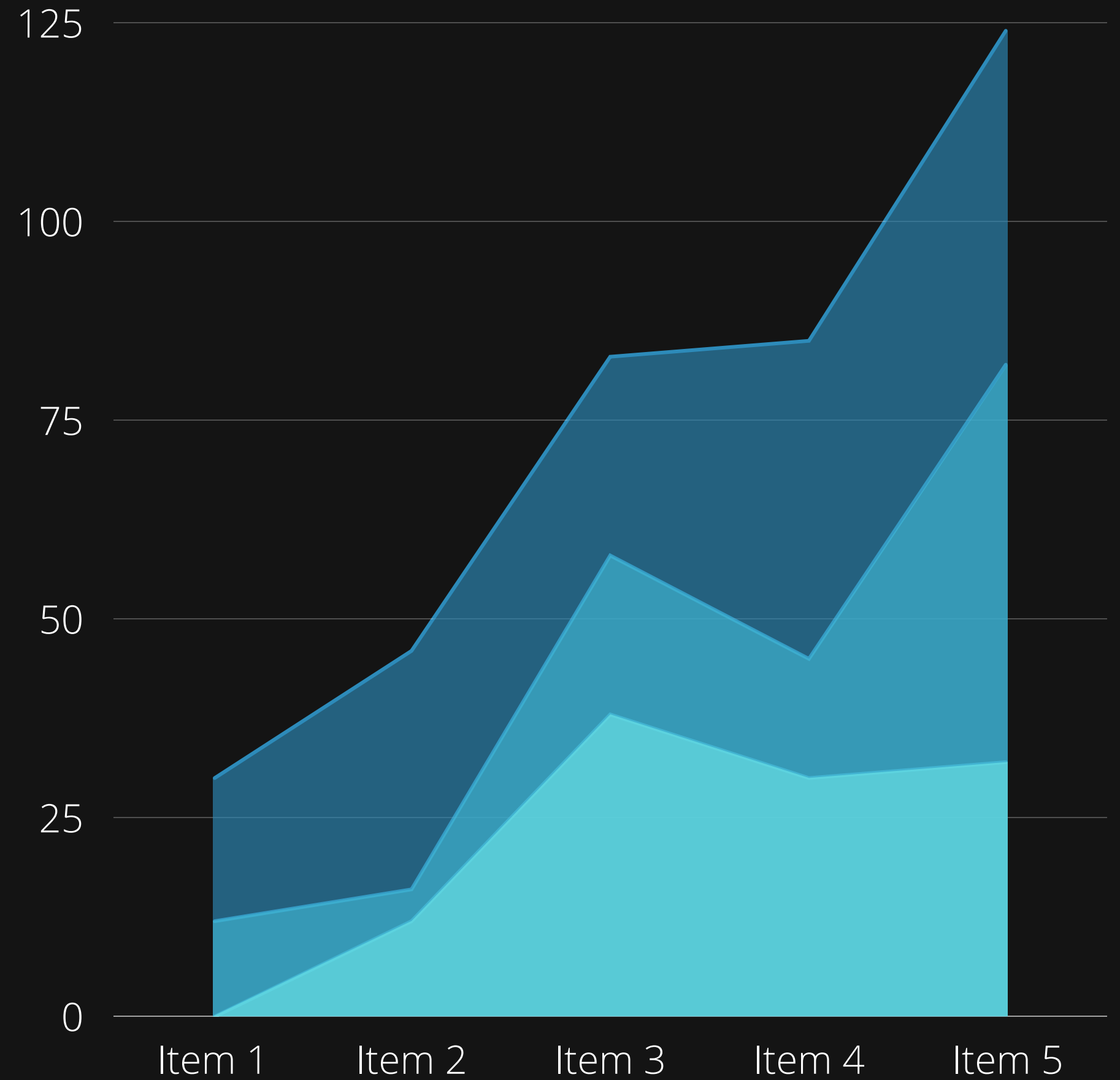
Activity Diagram

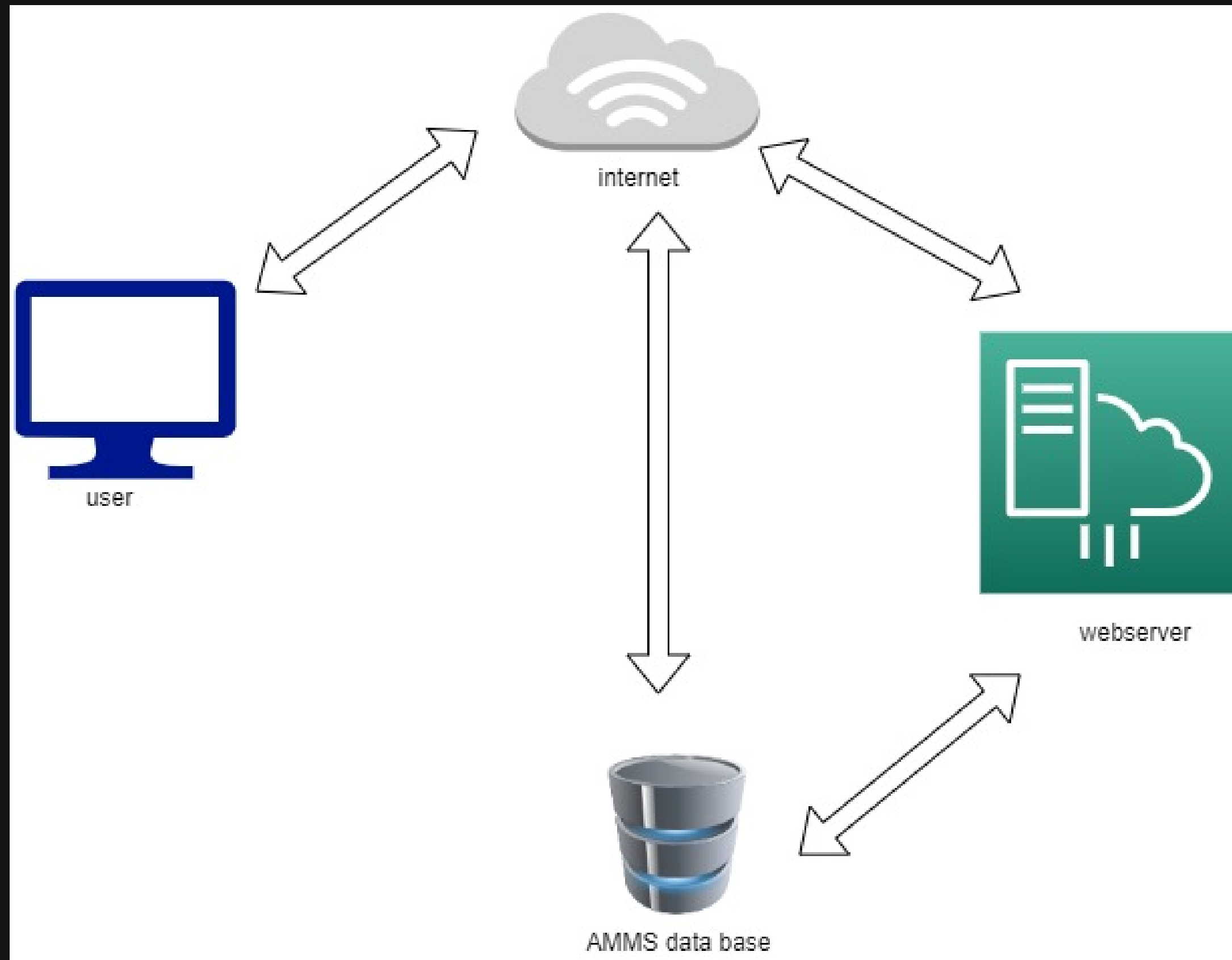
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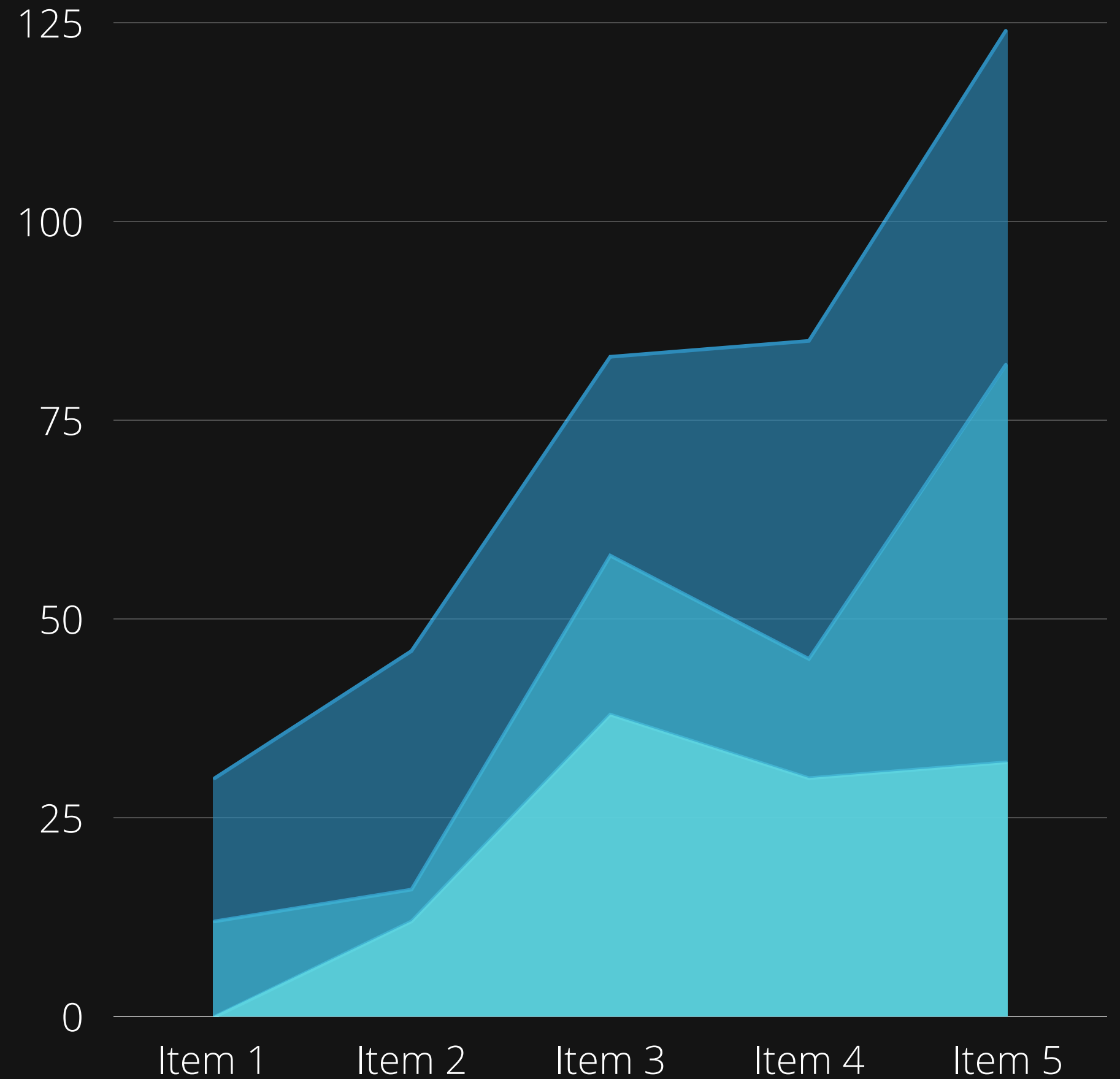
System Architecture

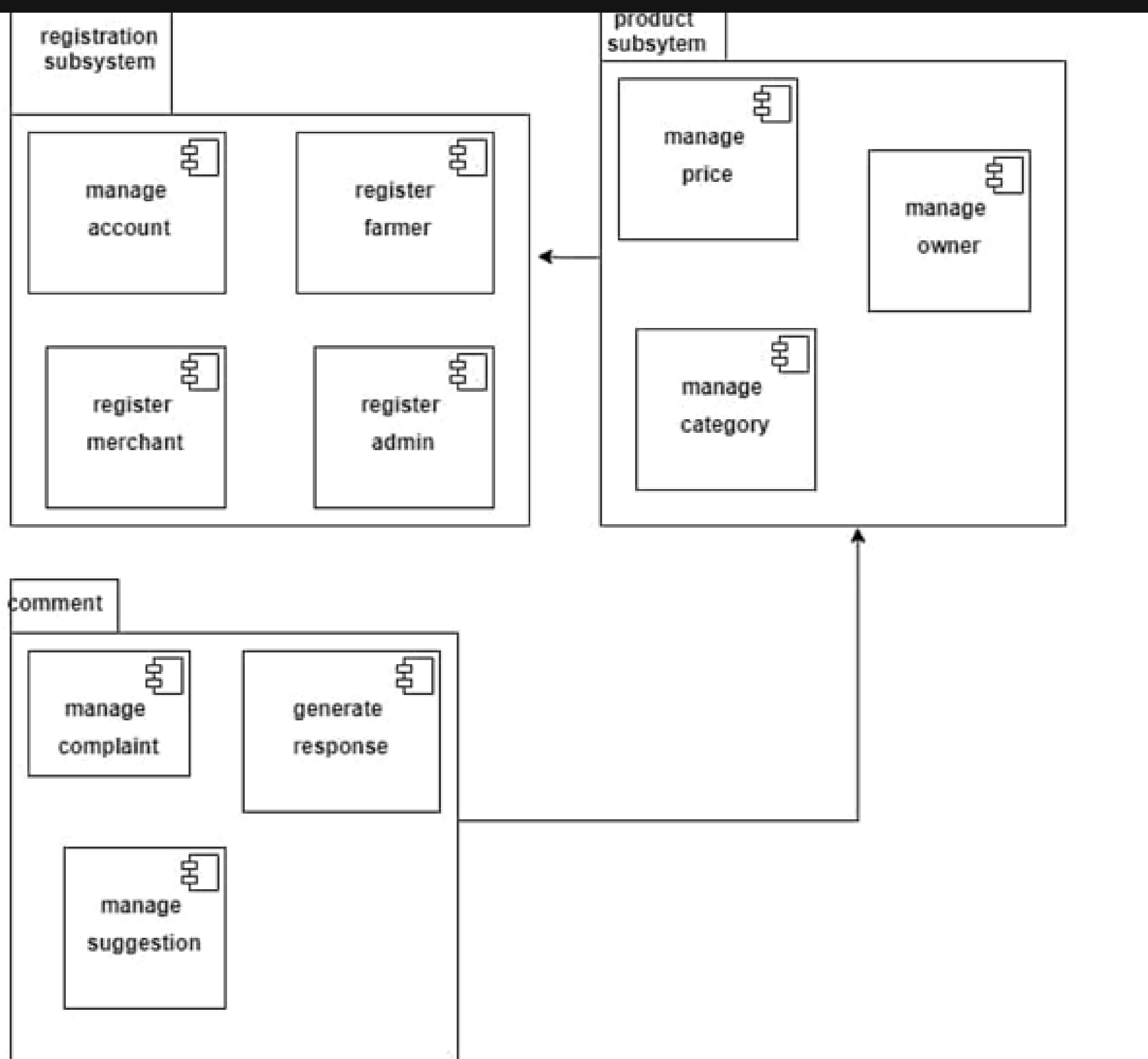




Sub system Decomposition Diagram

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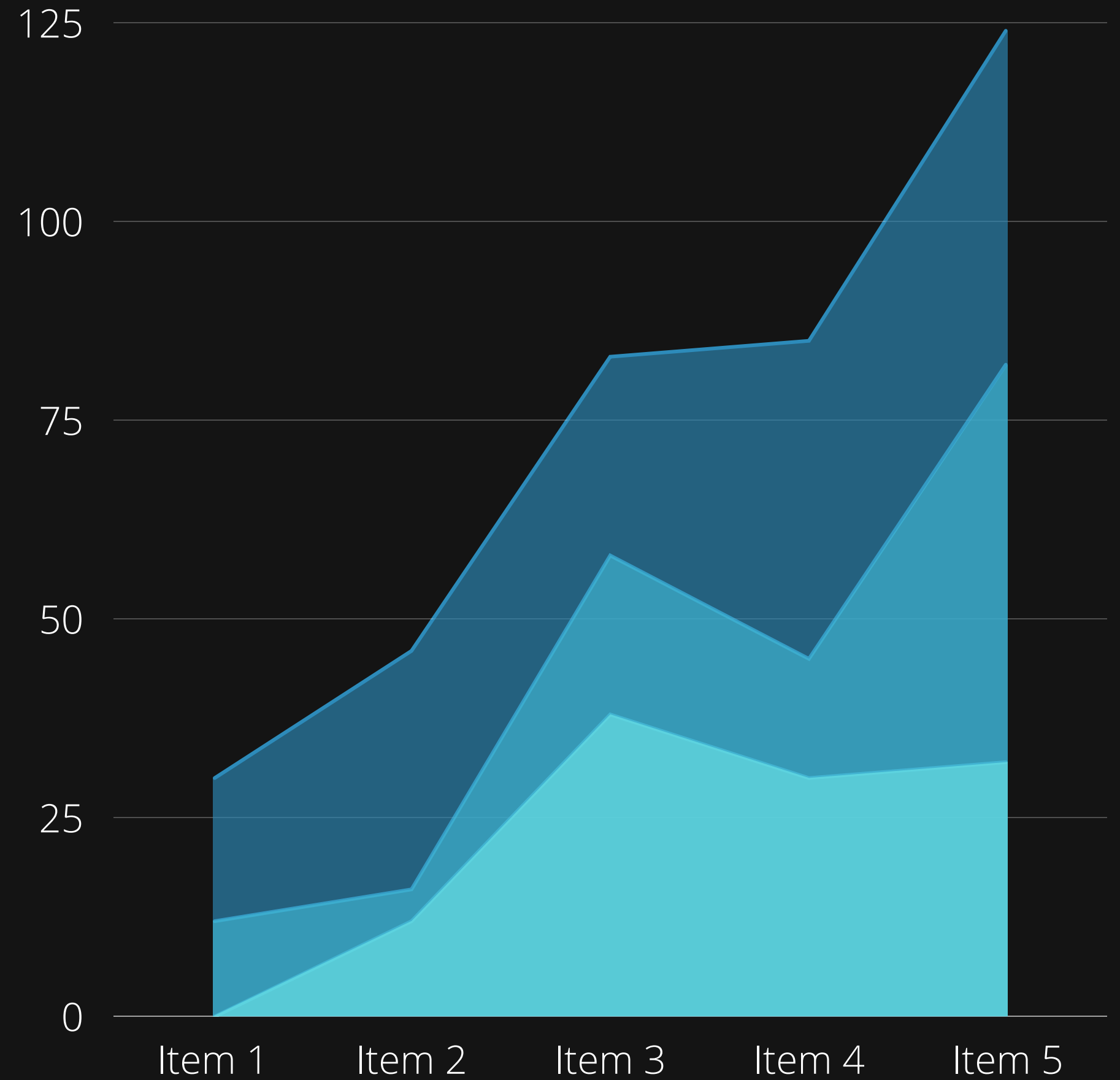


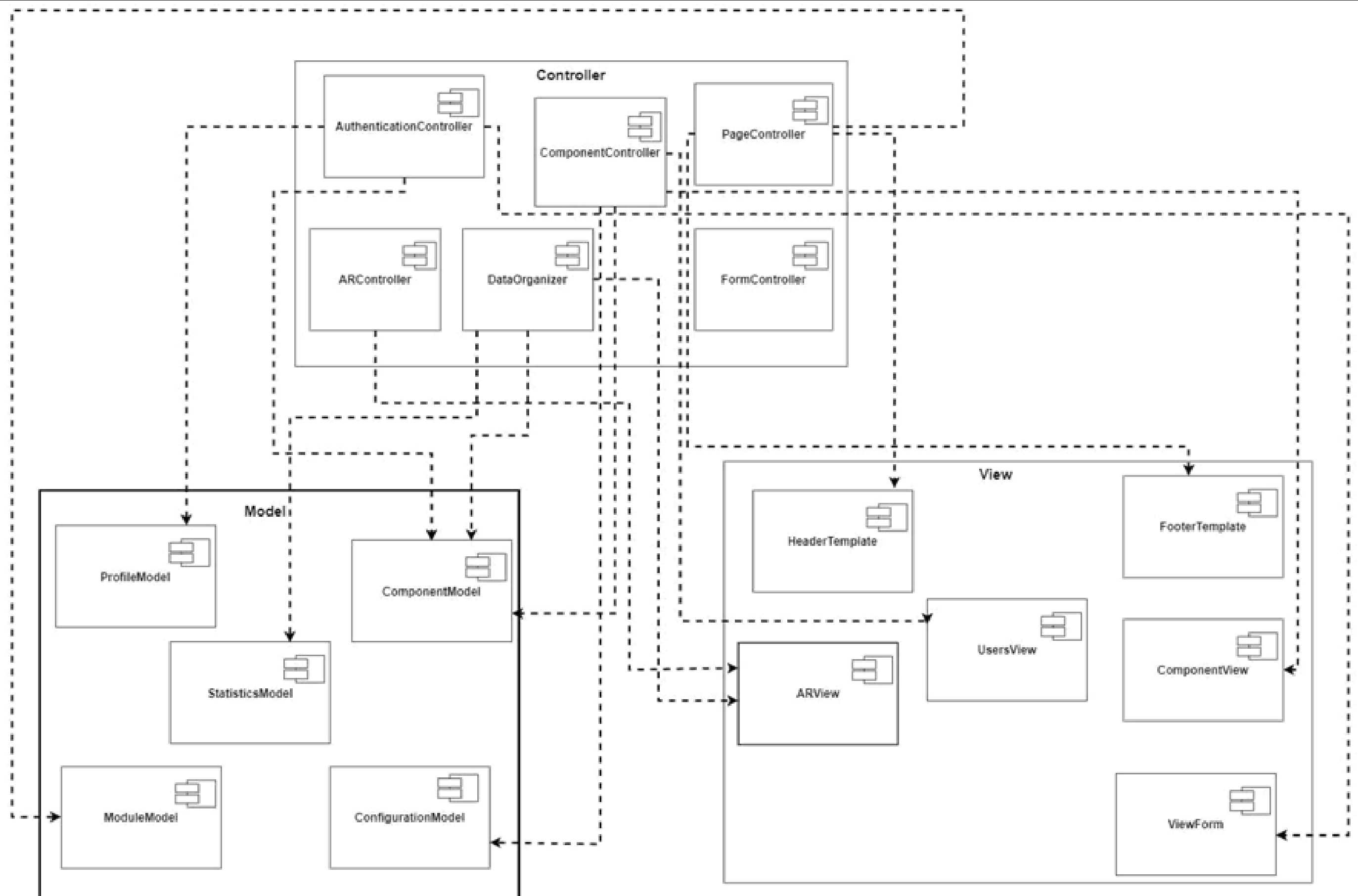
Tech Talks

Component

Component Diagram

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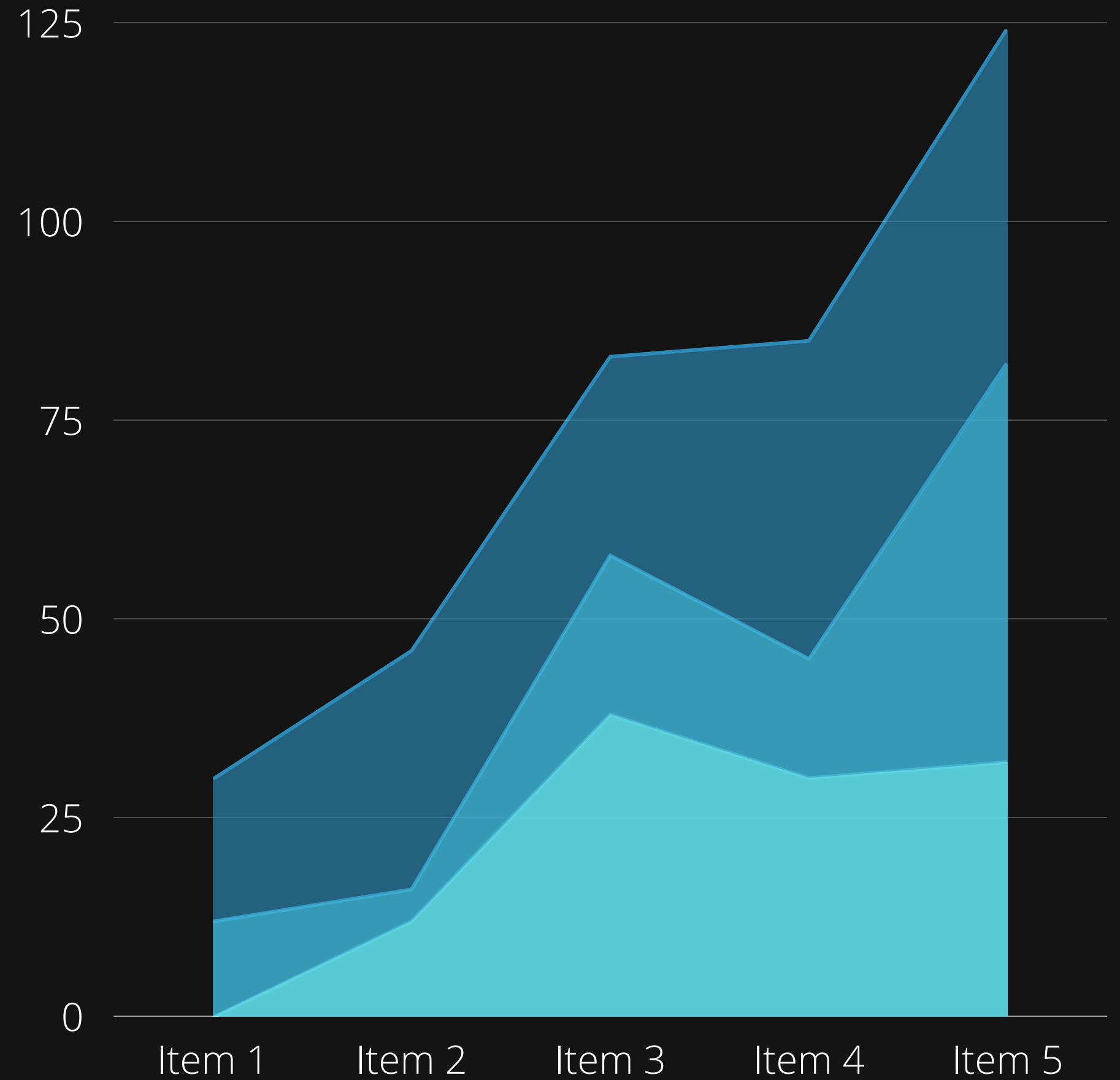


Tech Talks

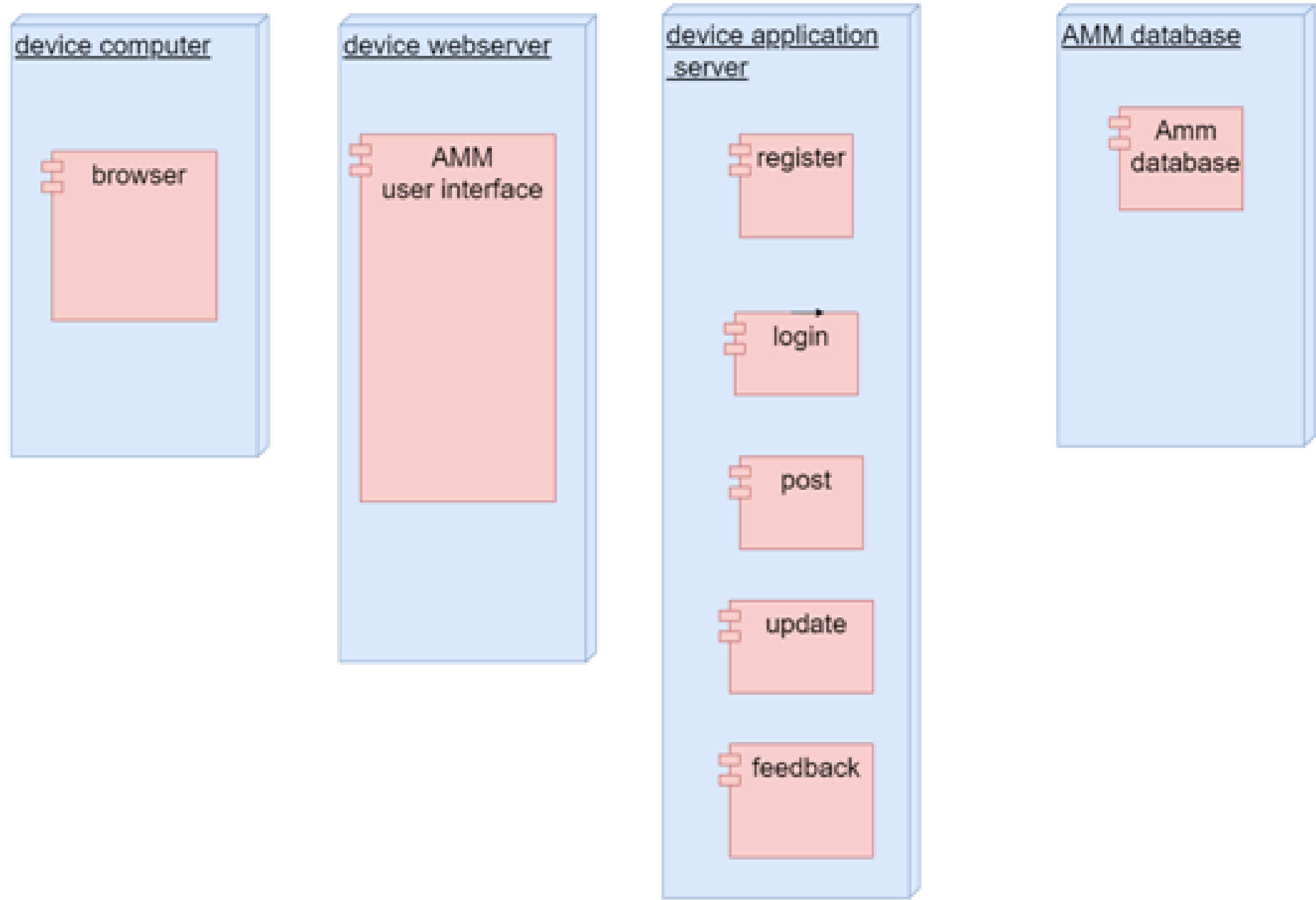
Component

Deployment Diagram

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deployment
diagram



Tech Talks

Component

Database Design

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