

# Decksterous

Benedikt, Mats, Oliver

# **Agenda**

**Overview**

**Project Management**

**Configuration & Automation**

**Technology Stack**

**Demo**

**Roadmap**

# Overview

# The Team



**Mats**

Business- &  
User-Interface  
Designer



**Benedikt**

Project Manager  
& Software  
Architect



**Oliver**

Technical Writer,  
Manager

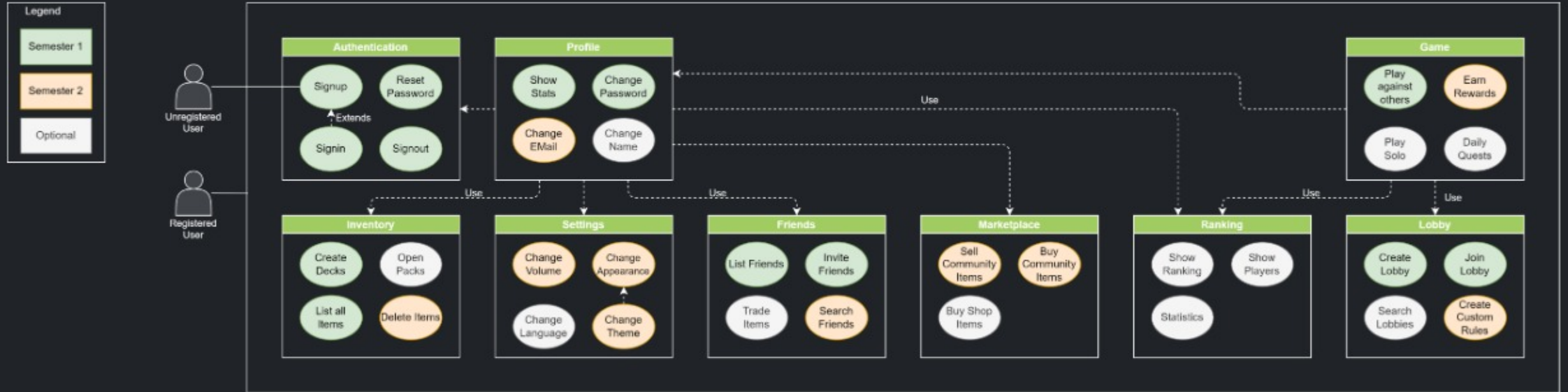
# Our Vision

## Battle card game

- create decks
- Player vs. Player (PvP) games
- friends
- trading
- customizable rulesets

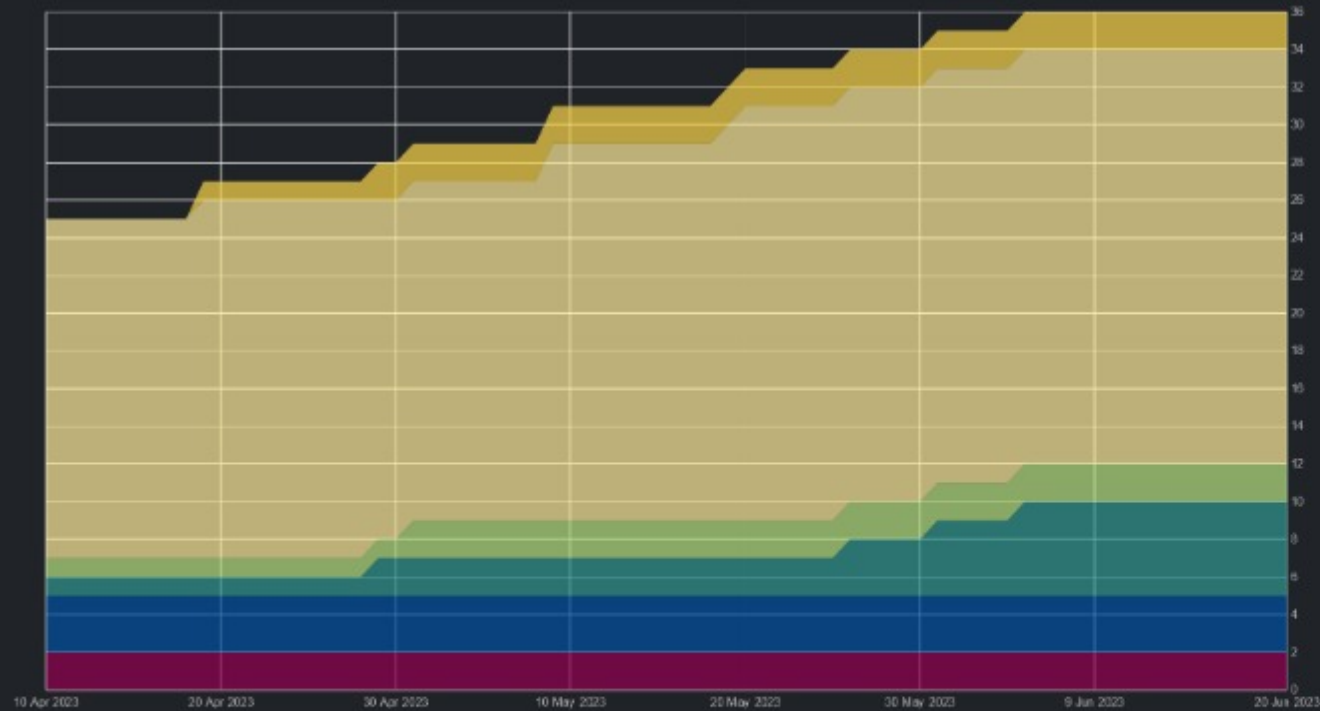


# Use Case



# Project Management

# RUP



Project	Decksterous	
Priority	Normal	
State	Done	
<u>RUP workflow</u>	Implementation	
Assignee	Benedikt Müll	
<u>RUP Phase</u>	Elaboration	
Type	Task	
Estimation	?	
Sprints	Week 2	
Ideal days	Not estimated	
Original estimation	Not estimated	
Spent time	50m	



# Scrum (past)

Sprints



Software  
Engineering Tasks



Weekly

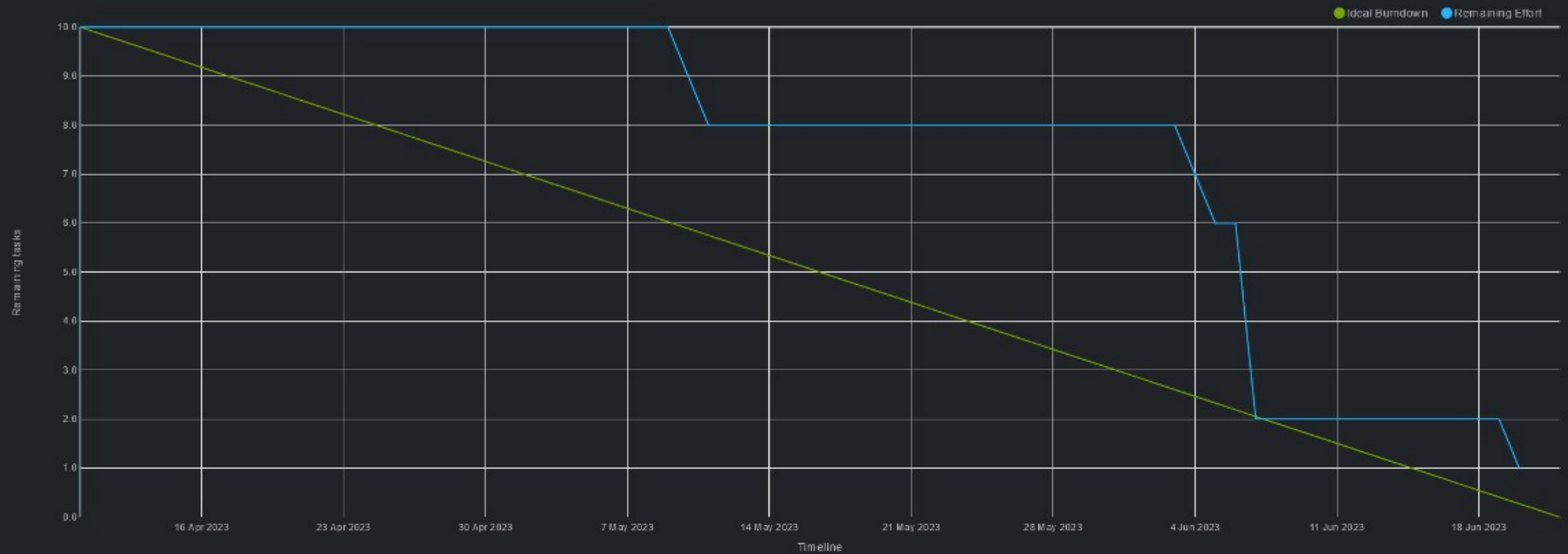


Meetings

# Scrum (current)



# Burndown

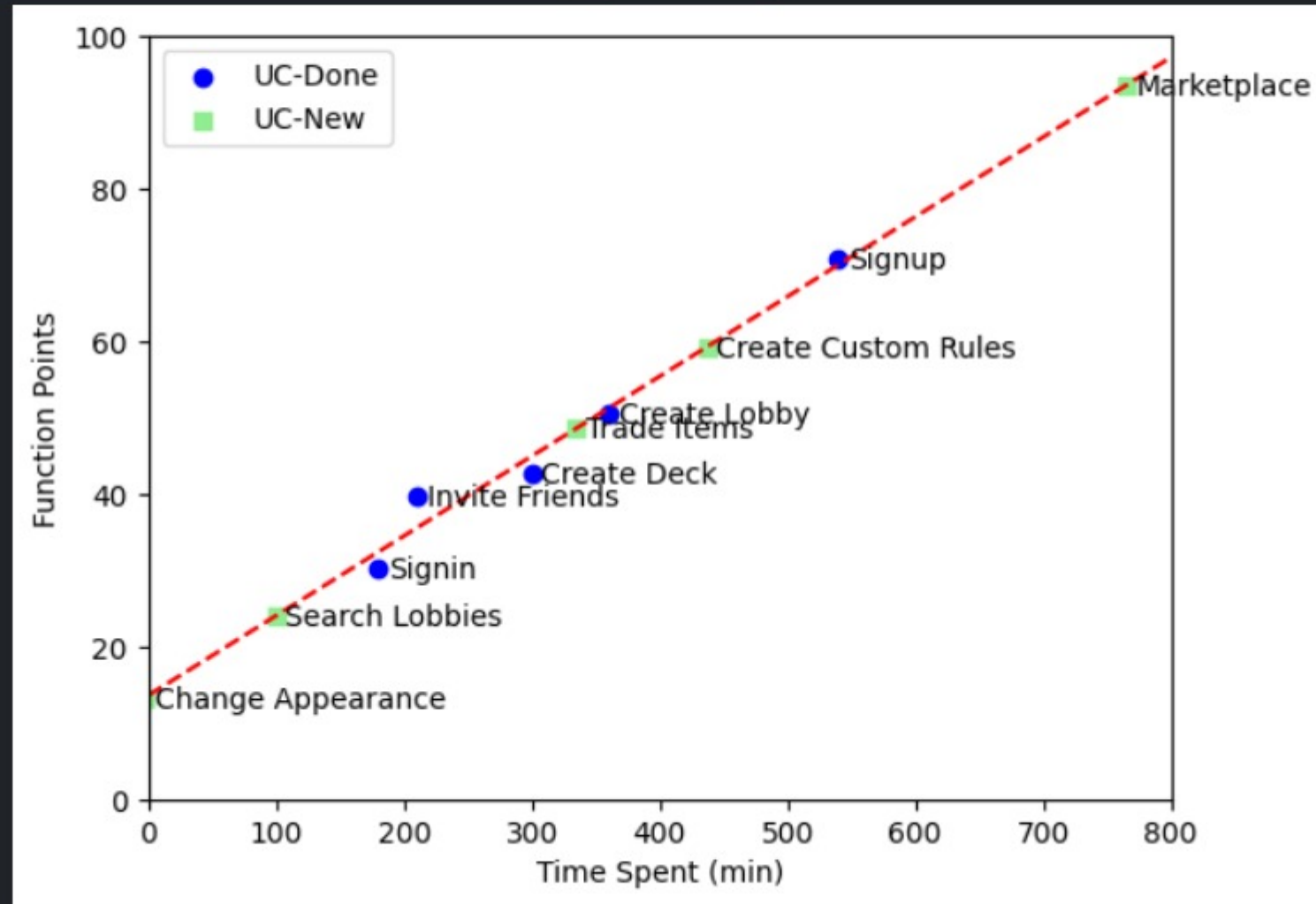


# Risk Management

Time Management



# Function Point Analysis



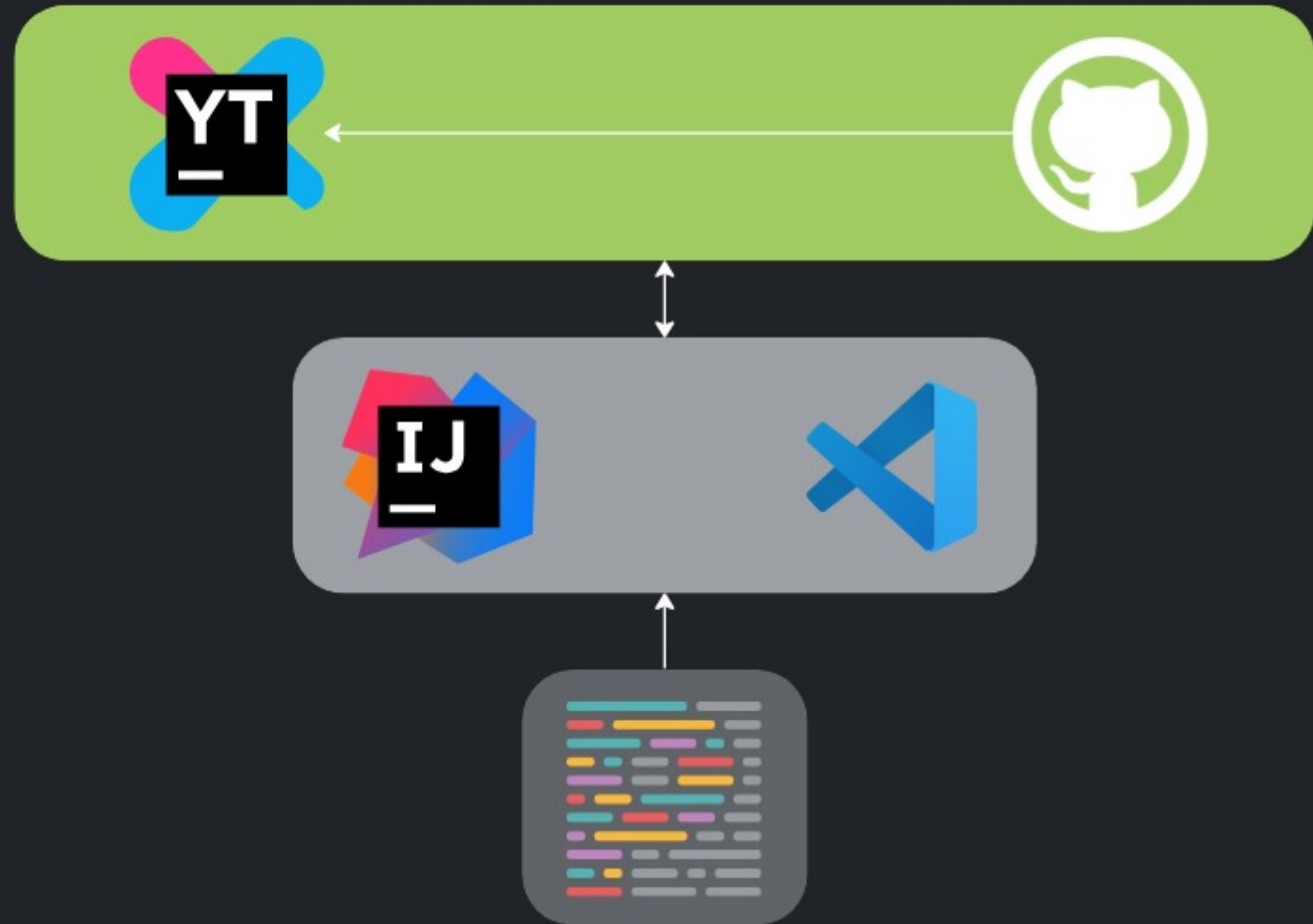
# Configuration & Automation

# Configuration

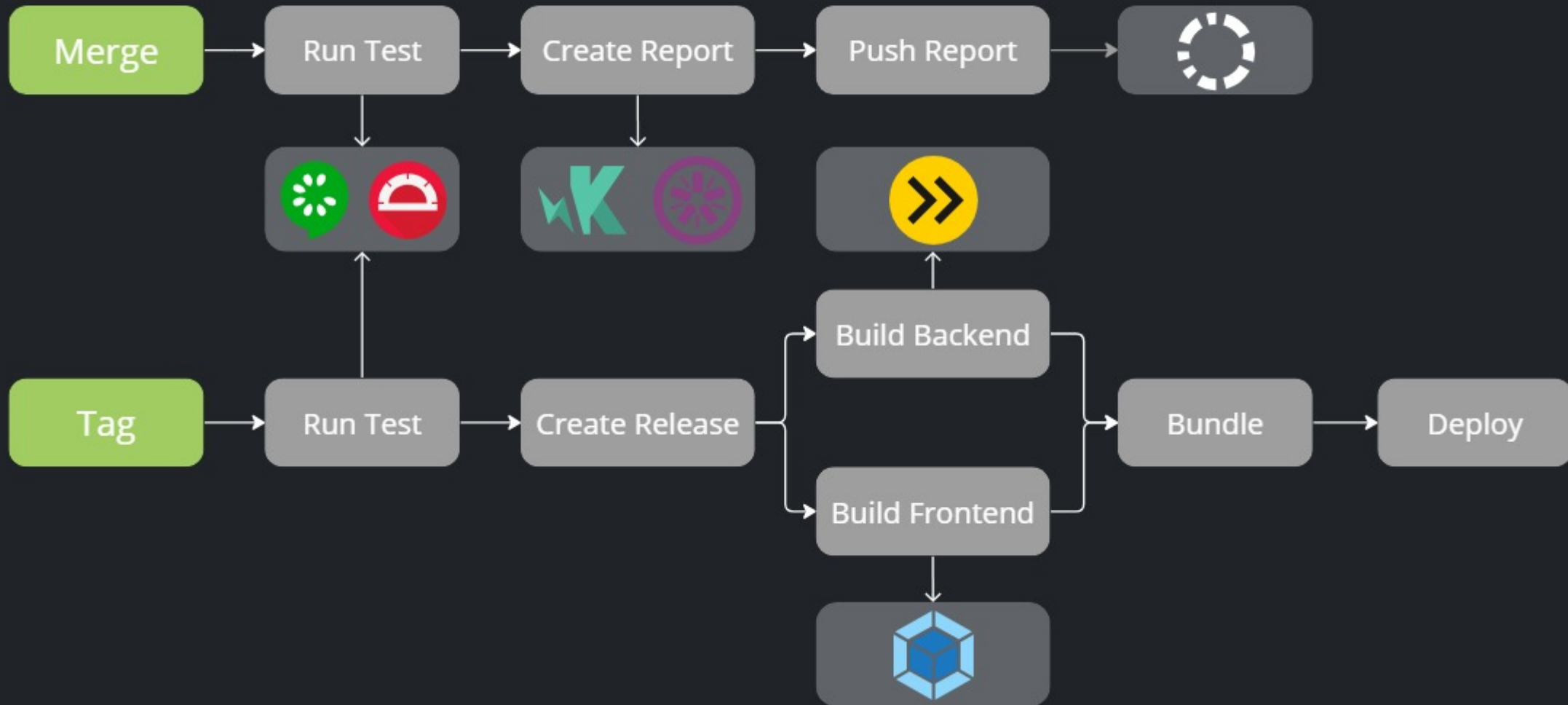
Environments

IDEs

Tools



# Automation





# Testing

## All files

**12.29%** Statements 369/1374 **7.72%** Branches 49/634 **5.49%** Functions 28/364 **9.68%** Lines 186/1894

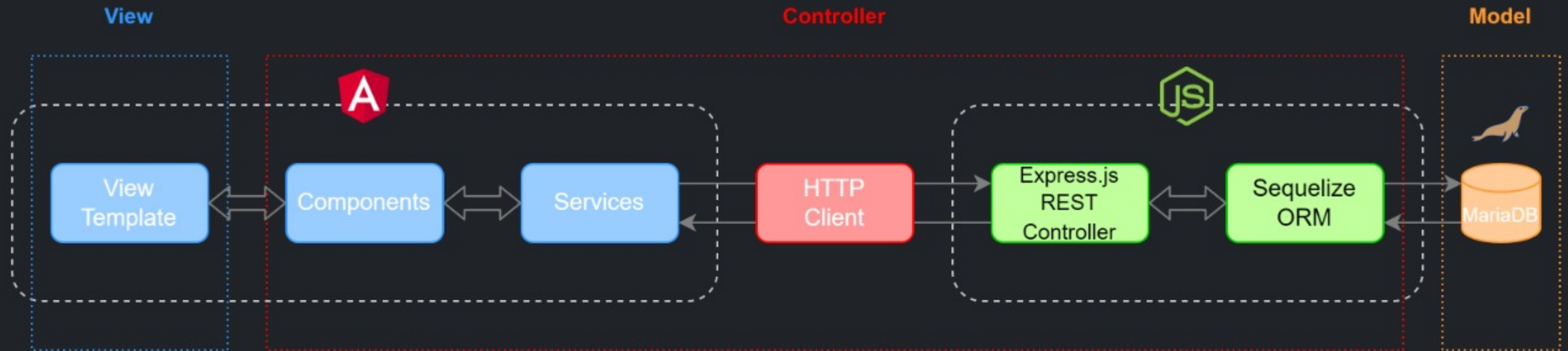
Press *n* or *j* to go to the next uncovered block, *b*, *p* or *k* for the previous block.

Filter:

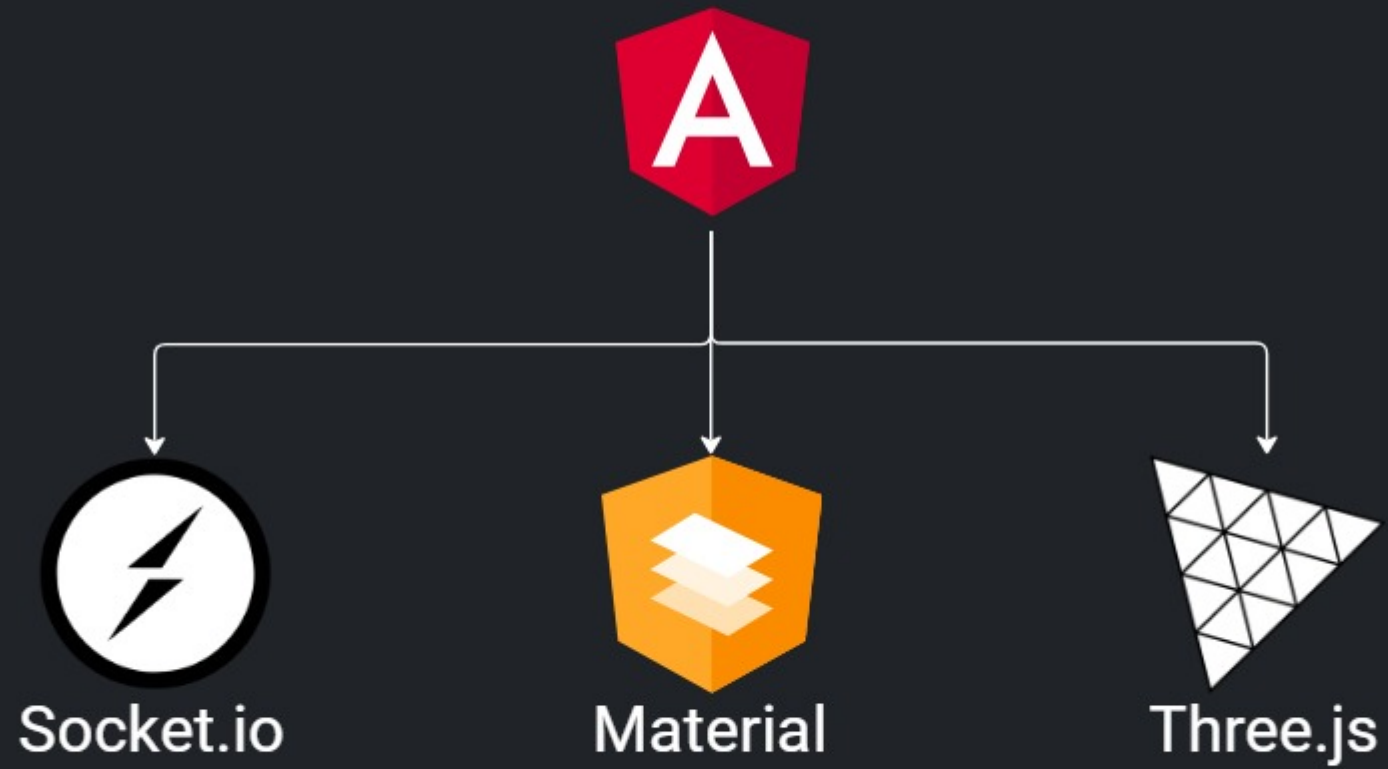
File		Statements		Branches	
app/components/default	<div><div></div></div>	100%	2/2	100%	0/0
app/modules	<div><div></div></div>	100%	2/2	100%	0/0
app/pages/dev	<div><div></div></div>	100%	2/2	100%	0/0
app/pages/dev/profile	<div><div></div></div>	100%	2/2	100%	0/0
app/templates/form-card	<div><div></div></div>	100%	2/2	100%	0/0
app/config	<div><div></div></div>	100%	4/4	100%	2/2
app/pages/auth/forms/login-form	<div><div></div></div>	100%	8/8	100%	0/0
app	<div><div></div></div>	100%	11/11	68.75%	11/16
app/pages/about	<div><div></div></div>	66.66%	2/3	100%	0/0
app/pages/dev/dev-game	<div><div></div></div>	66.66%	2/3	100%	0/0

# Technology Stack

# Architecture



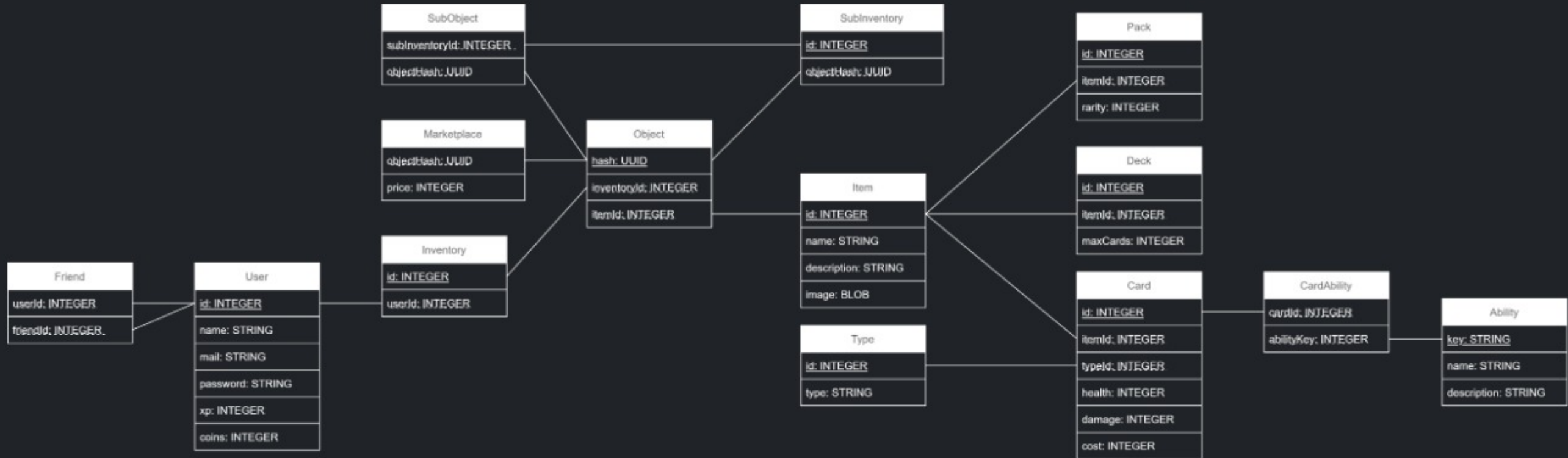
# Angular



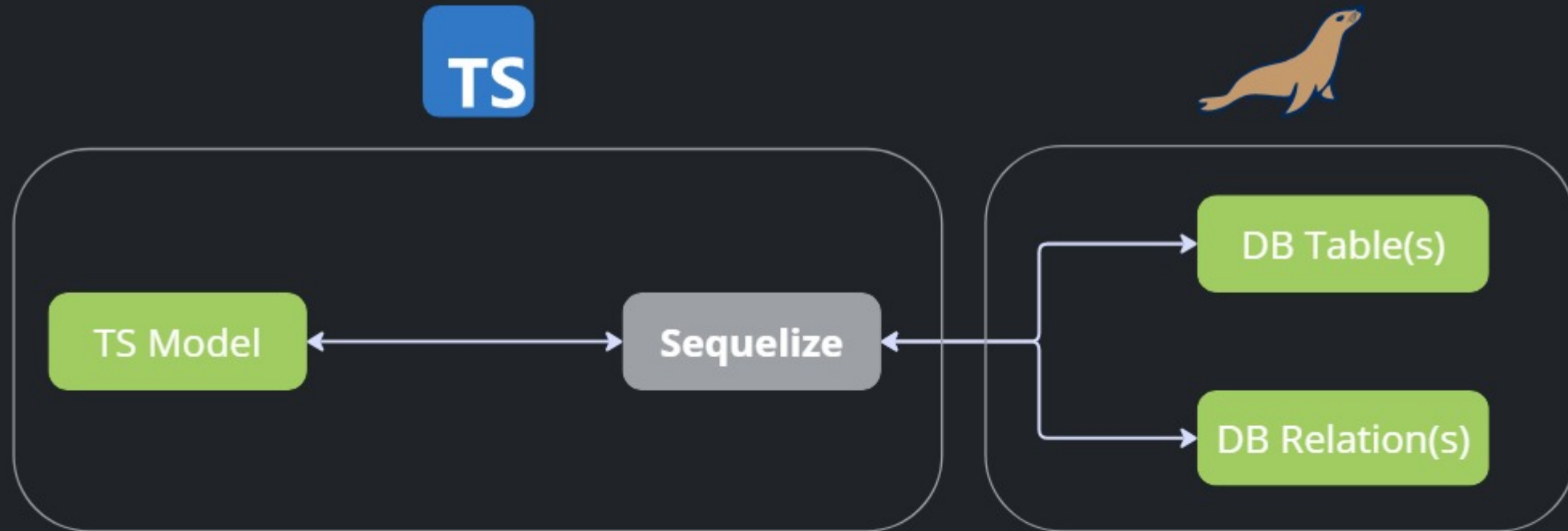
# Node.js



# MariaDB



# Sequelize

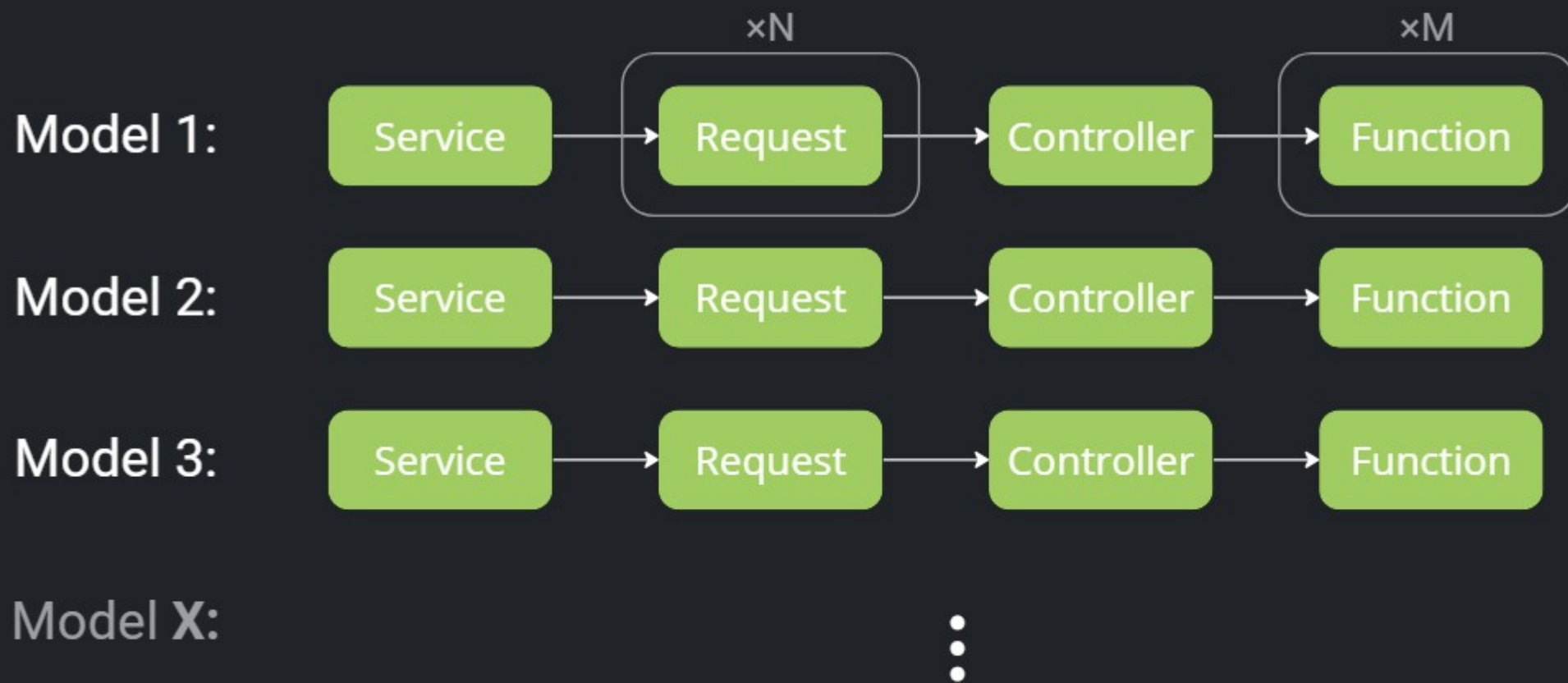


# REST



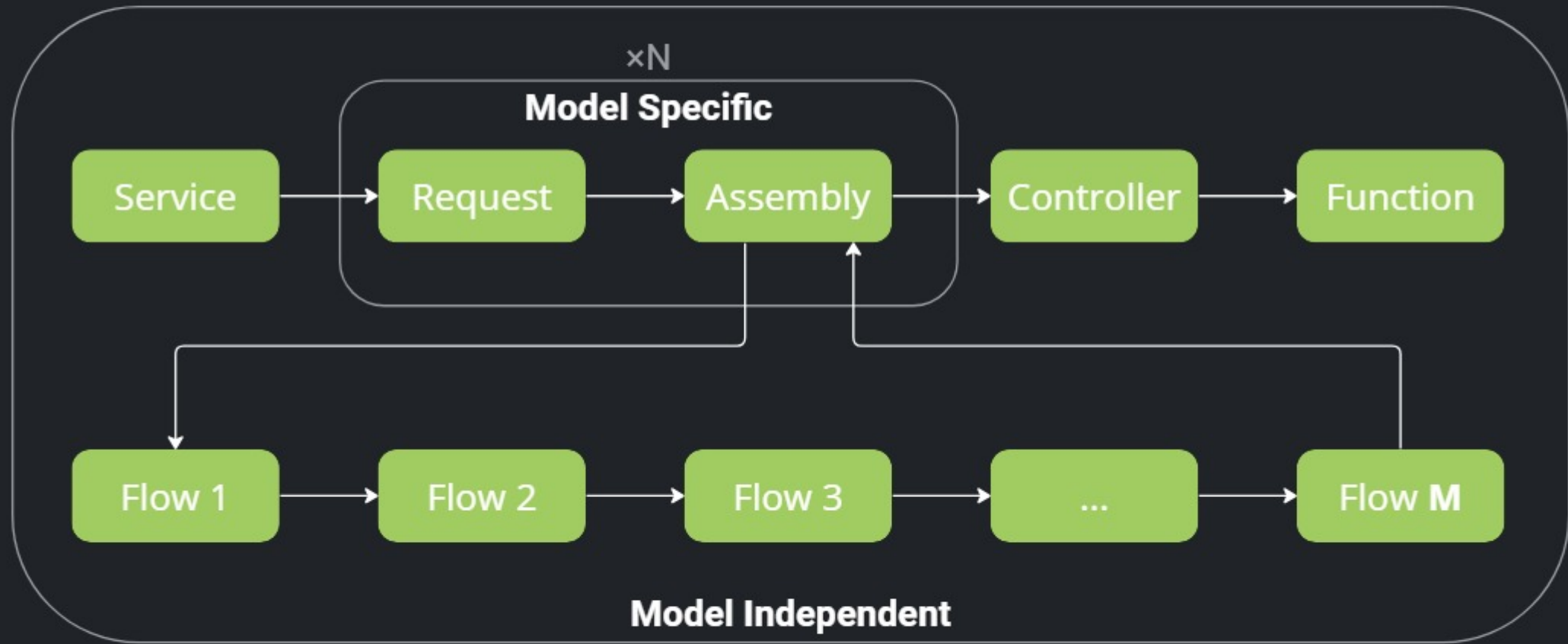


# REST



**$X \times (N + M)$**   
Too Many! miro

# REST (with flow)



**N + M**  
Much Better!  
miro

# WebSocket

Perceiver

Client 1

Client 2

Client 3

Client 4

Client 5

Visible

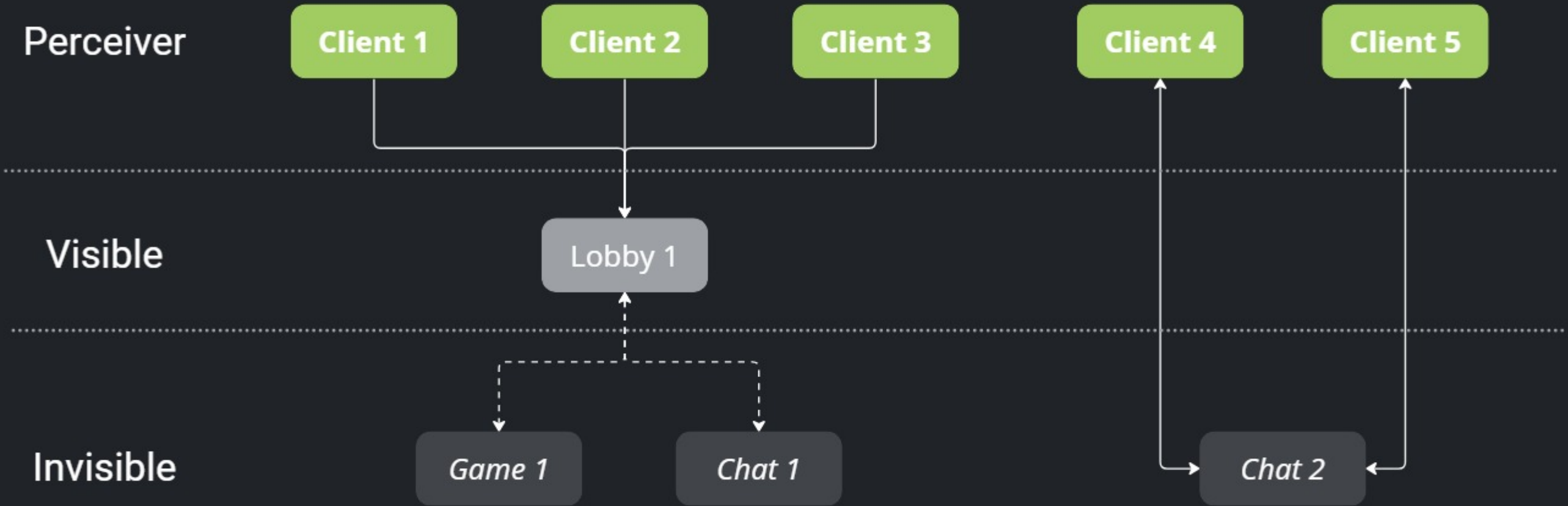
Lobby 1

Invisible

Game 1

Chat 1

Chat 2



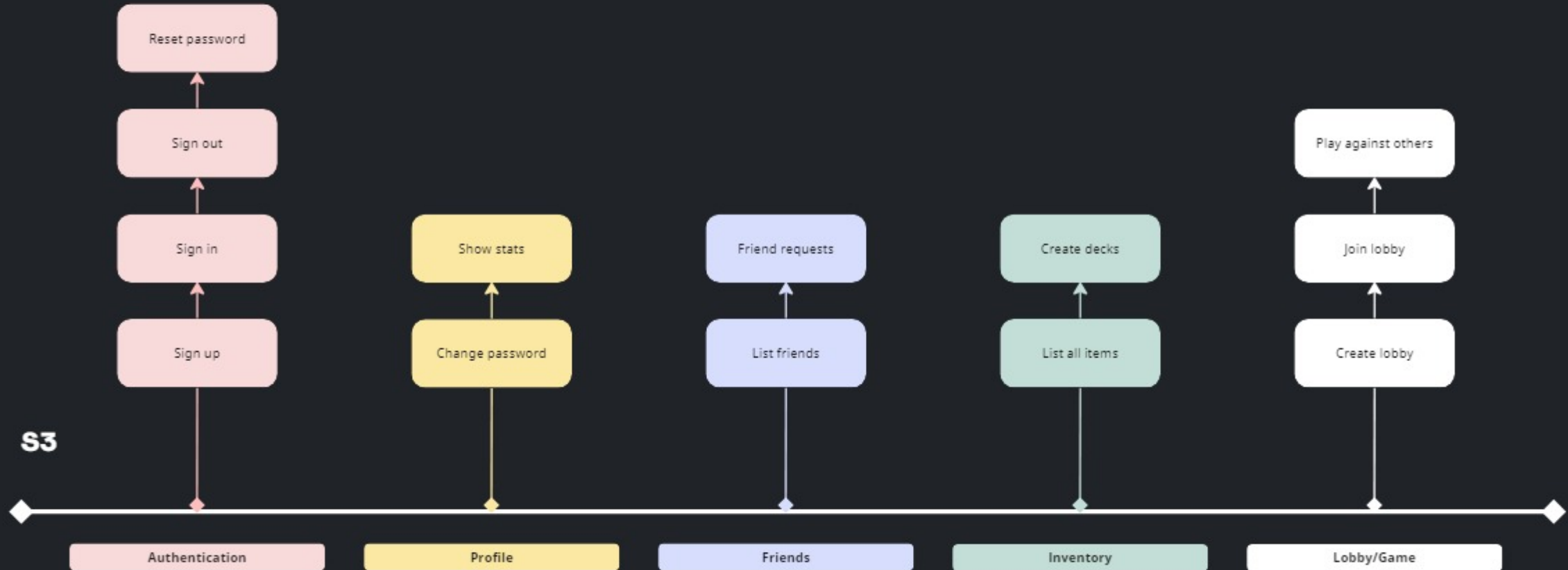
# Demo





# Roadmap

# Last Semester





# This Semester



# Future



# Thanks!