



Team Agone



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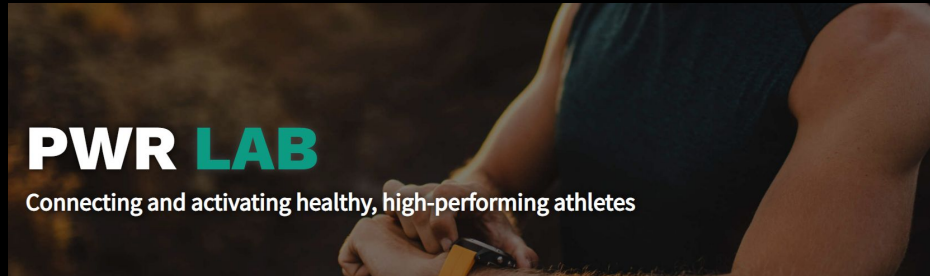
Mentor: Volodymyr Saruta

Introduction



PWR LABs Goal:

Enable athletes to train and stay healthy through wearable devices



Our Client:

CEO and Co-Founder
Adam Stepanovic

Our Point of Contact:

Client Coordinator
Travis Rochan

Problem Statement

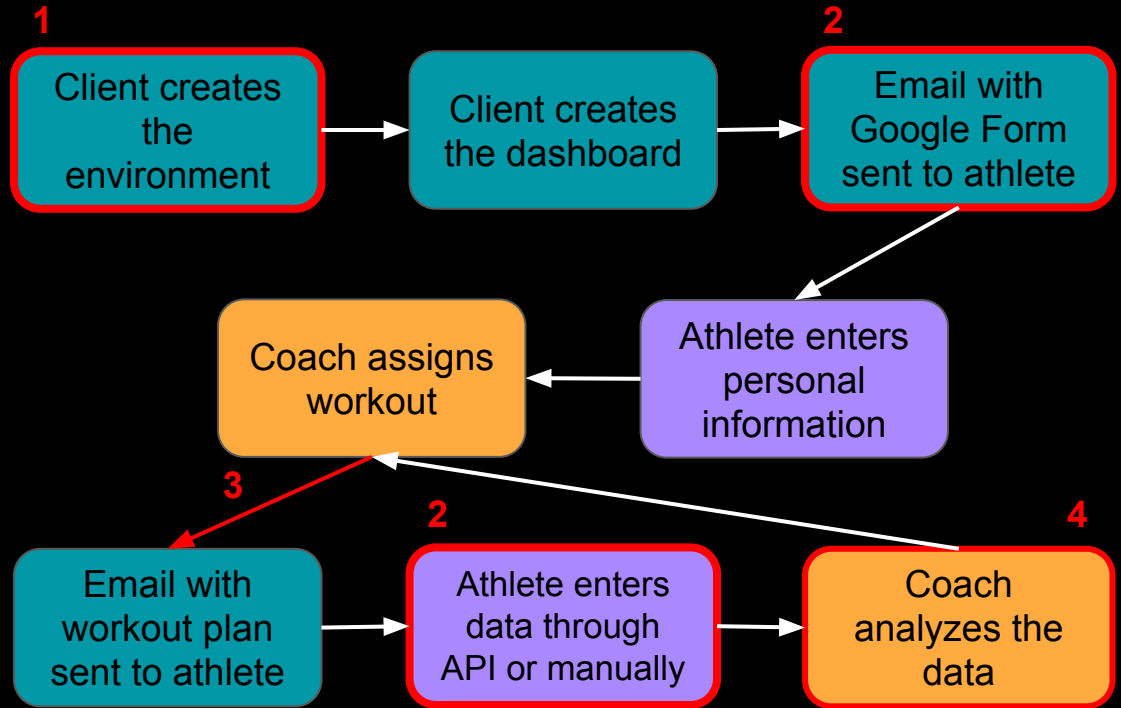


1. Takes a long time

2. Client invests more time

3. No messaging

4. Difficult to analyze



Solution Overview



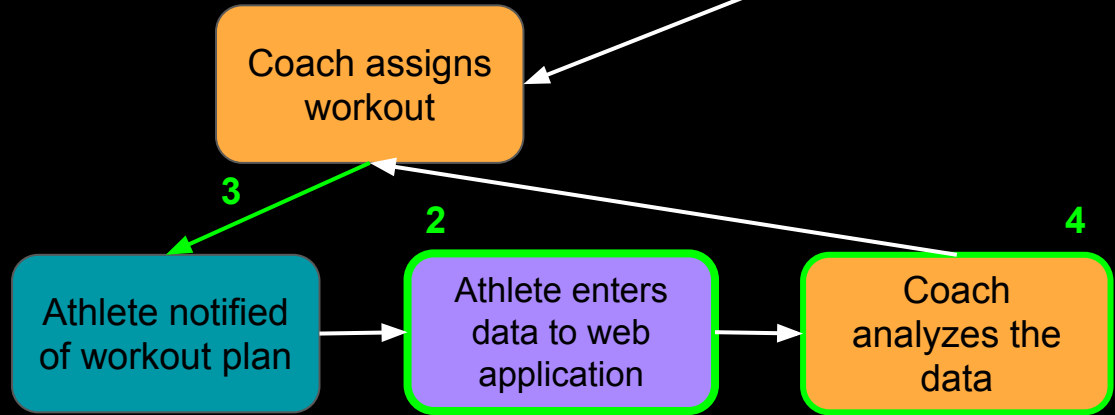
1. Personalization by coaches



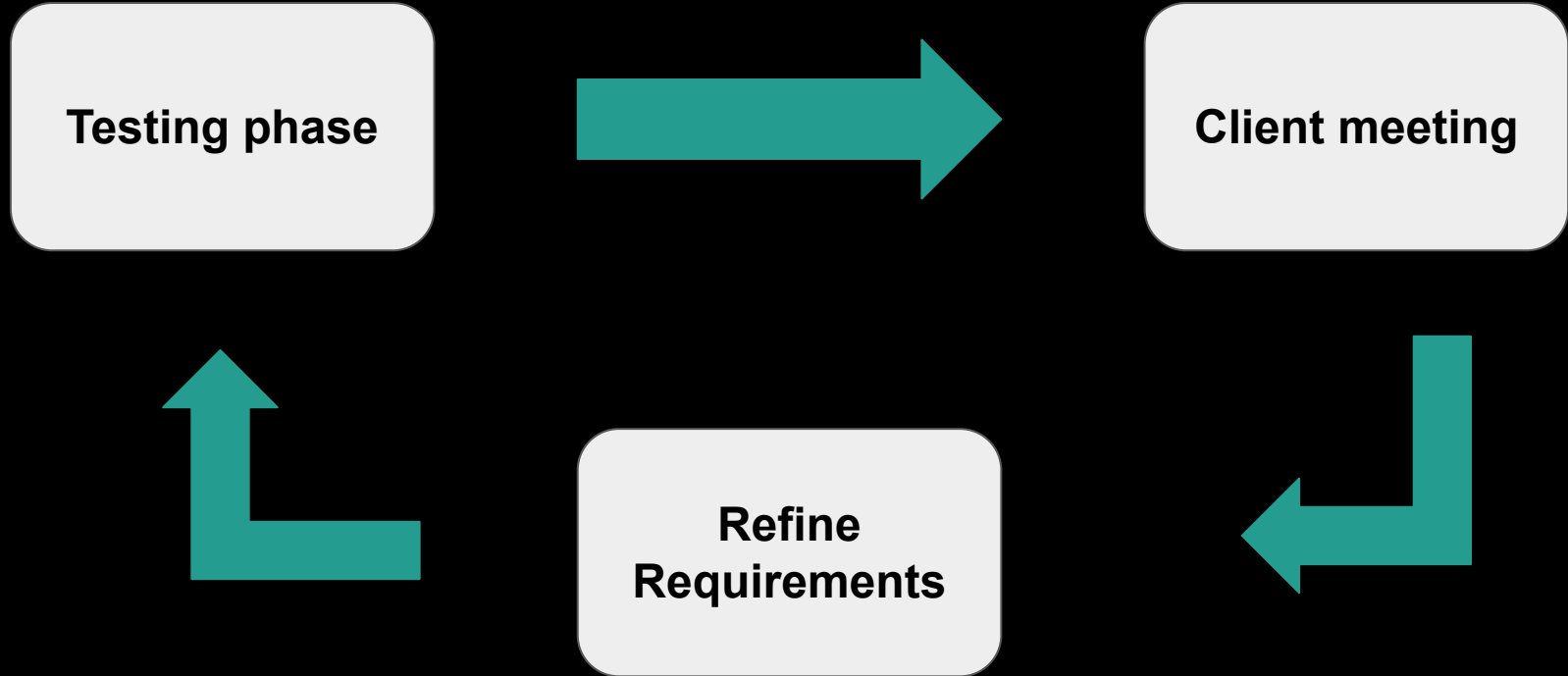
2. Self populated data

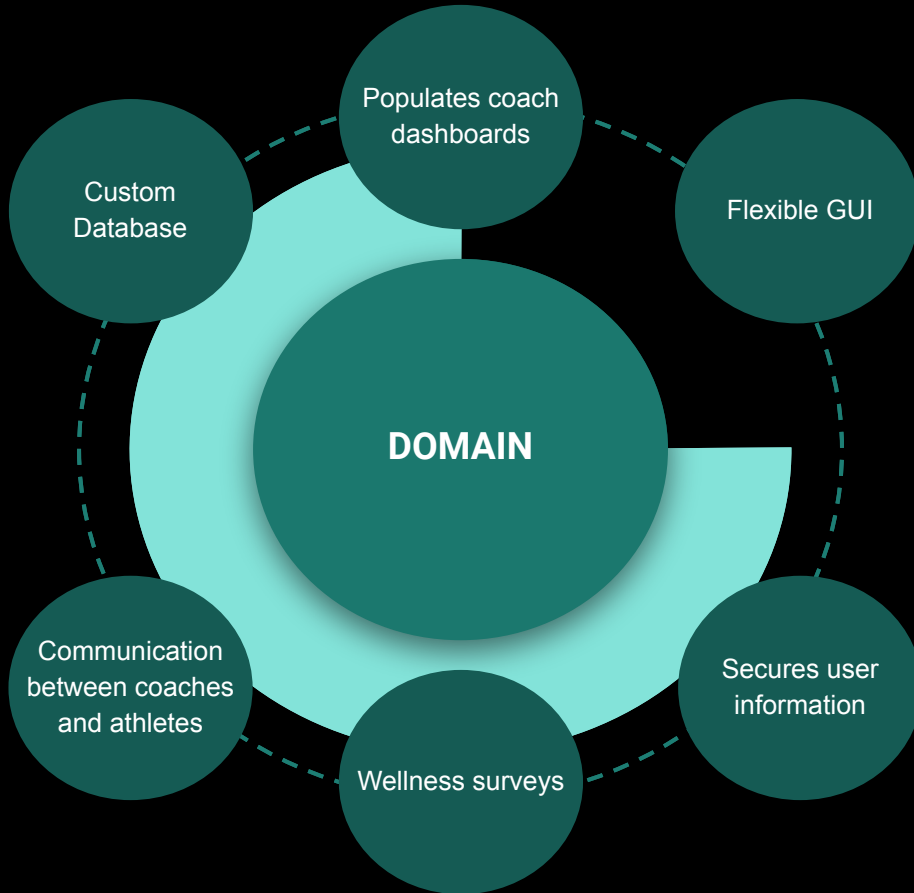
3. Messaging

4. Analyze a single athlete



Requirements Acquisition





Domain Requirements



01

Graphical User Interface (GUI)

- User friendly
- Different dashboards for users
- Data collection

02

Database

- Allow uploaded data
- Holds each athlete separately
- Adapts to coaches needs

03

Customization and Flexibility

- Organization of columns
- Data Output
- Personalization of dashboards

Functional Requirements

Graphical User Interface (GUI)

Coaches Dashboard

Assign Workout Plan

Analyze Athlete Data

Athlete Dashboard

Daily Submissions

Injury Dashboard

Monitor Status of Athlete

Communication with Athlete and Coach

Mental Health Dashboard

Communication with Athlete and Coach





01

Graphical User
Interface (GUI)

Decrease time by 50%

02

Database

15 minute upload time

03

Customization
and Flexibility

Pass/fail basis

Non-Functional Requirements

Key Environmental Constraints

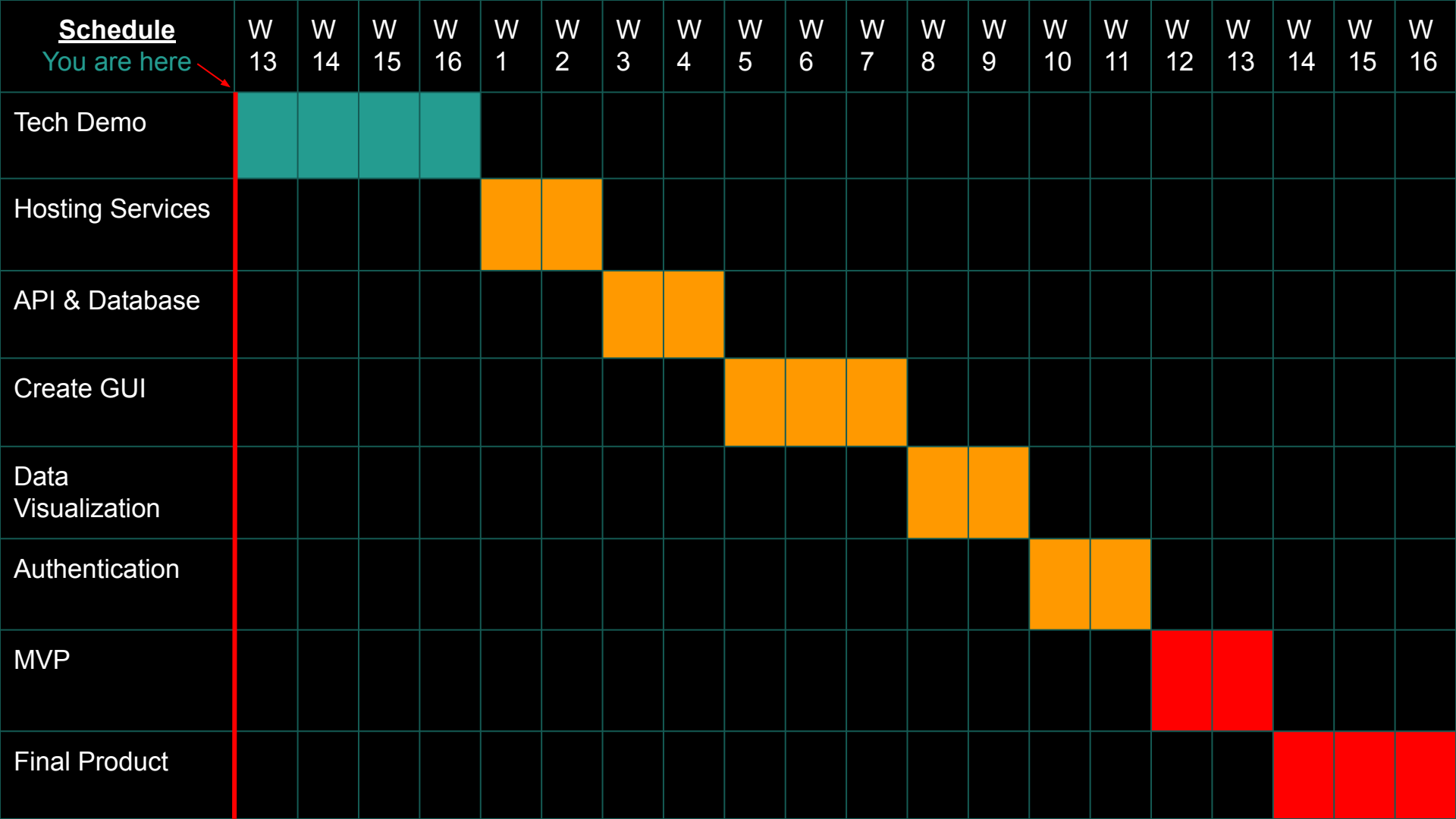


01	Hosting Services	<ul style="list-style-type: none">• AWS
02	Client API	<ul style="list-style-type: none">• Client has an in-house developed API for collecting biometric data
03	Javascript vis. library	<ul style="list-style-type: none">• The client's API processes data in the form of JSON blobs

Risk and Feasibility



	API failing to deliver Biometric Data	Impact: Medium	Possibility: Very Unlikely
	Wellness Platform failing to notify Students	Impact: Medium	Possibility: Depends on Implementation
	Failure in Securing data	Impact: High	Possibility: Very Unlikely



Conclusion



Product

A portal for communicating wellness and preventing injury

Vision

A portal with a highly customizable dashboard and solid data visualization and wellness communication features

Future

Prototyping and introducing solutions to our client!