SAD MIDTERM PRESENTATION

DATA WIZARDS

Water Hydration Tracker

The Data Wizards team is developing a website to help users stay hydrated. It tracks water intake, sets goals, and sends reminders to encourage healthy hydration habits.

Project Overview

1 Key Features

Water intake tracking, customizable goals, push notifications, health app integration

2 Objective

Promote healthier lifestyles through regular water consumption

3 User Experience

Easy-to-use interface for logging water intake and viewing progress

Team Responsibilities

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Likhithasree Kommineni

Backend Development, Git Management

Yaswanth Naga Babu Kommineni

Frontend Development, Project Lifecycle Management

Srinija Reddy Kotla

System Design, Documentation

AquaSync

Your Daily Water Intake Tracker

Set Your Daily Water Intake Goal

Daily Goal (ml):

e.g., 2000

Set Goal

Log Your Water Intake

Water Amount (ml):

e.g., 250

Add Water Intake

Project Timeline

1 — Weeks 1-2

Research and design, defining requirements and creating wireframes

2 — Weeks 3-4

Front-end development, creating main UI and core functionalities

3 — Weeks 5-6

Back-end development, user authentication, and notifications setup

4 — Weeks 7-8

Testing, debugging, deployment, and gathering initial user feedback

Technologies Used

Frontend

HTML, CSS, JavaScript for user interface

interface development

Backend

Python for core functionality and data

data processing

Database

MongoDB for storing user data and

and hydration logs

Key Features

User Accounts

Create profiles, log in, and edit personal information

Hydration Tracking

Set goals, log water intake, view statistics in graphical formats

Smart Reminders

Receive notifications to drink water throughout the day

Device Integration

Sync with health devices like Fitbits and smartwatches

Agile Software Development Life Cycle

Water Hydration Tracker Web Application

Sprint Planning: Define user stories and prioritize backlog items.
Development: Implement features using HTML, CSS, JS, and backend technologies.
Testing: Continuous integration and automated testing.
Review & Demo: Showcase new features and gather feedback.
Deployment: Continuous deployment of working increments.
Retrospective: Team reflection and process improvement.

Next Steps

1

Finalize UI Design

Complete mockups and get team approval on interface design

2

Backend Development

Implement core functionality and set up database structure

3

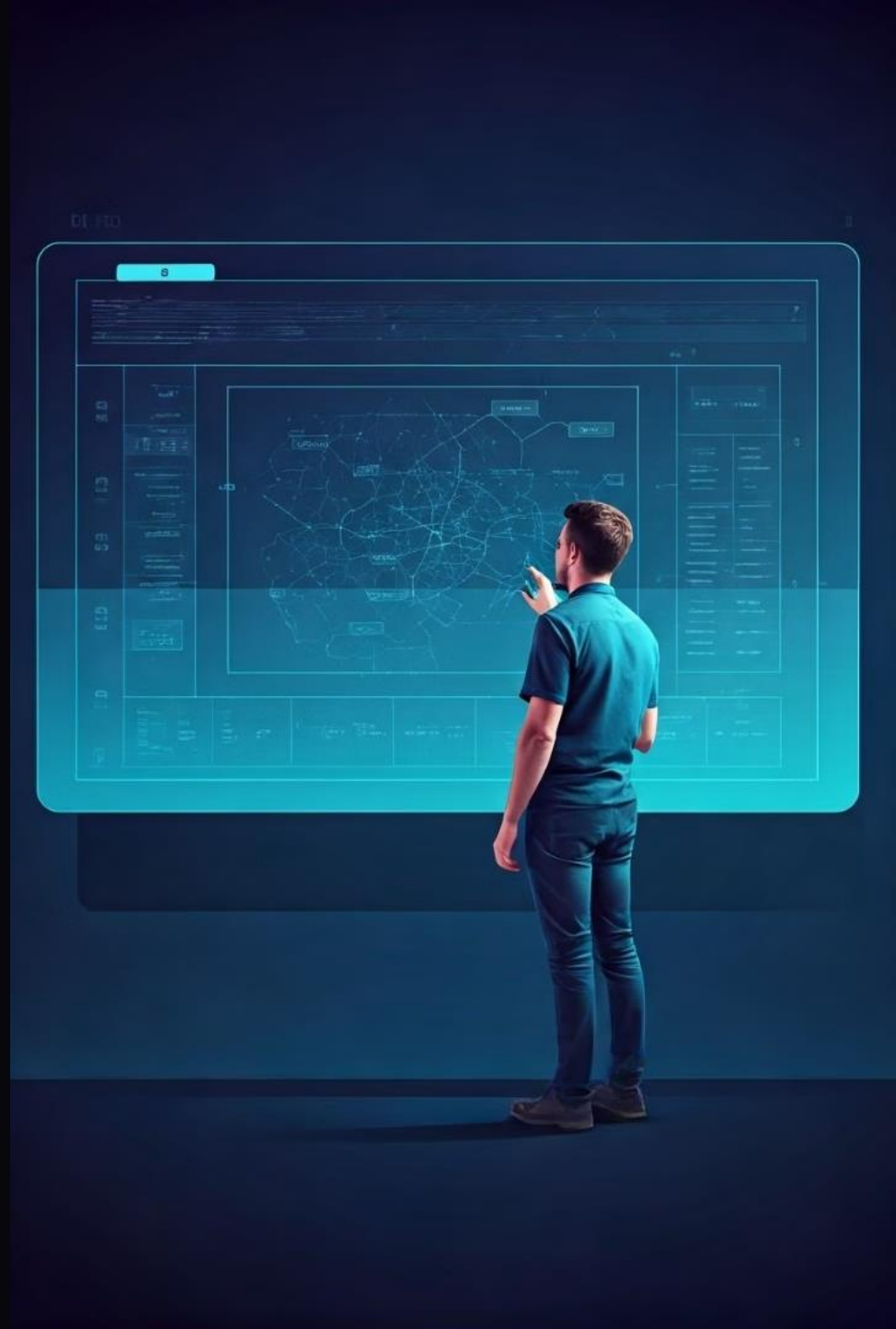
Integration Testing

Ensure smooth operation between frontend and backend components

4

User Testing

Gather feedback from initial users and make necessary adjustments



THANKYOU☺!!!

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