

Introducing...

# Curre

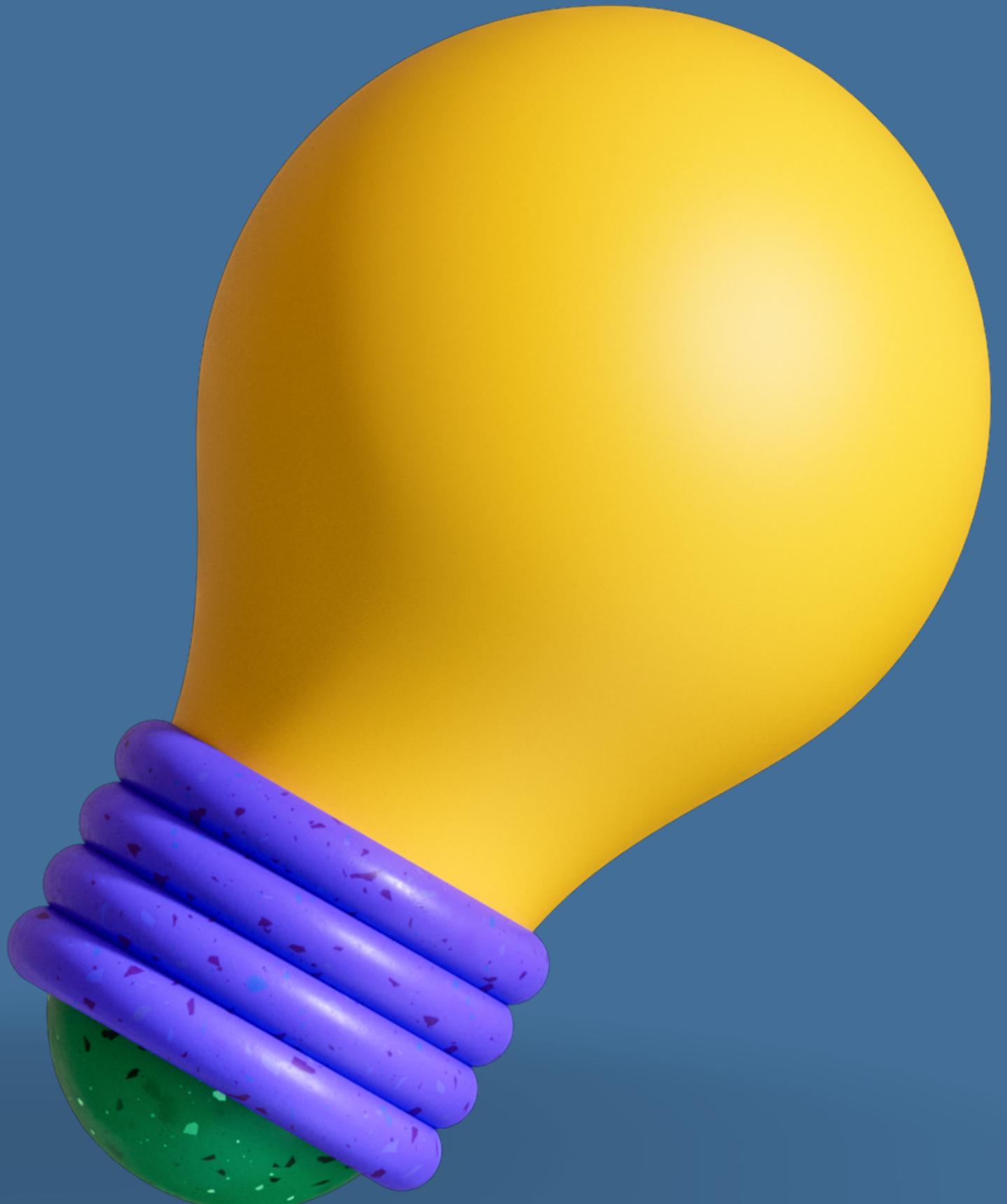
Shoes recommendation website!

Learn everything you need to know about your running shoes



# Overview

1. Project Opportunity
2. Team Members
3. Who, What, Why
4. User Stories and Kanban
5. Project Management
6. Project Architecture
7. MVP Demo
8. Project progress
9. Team Member Responsibility
10. Access Project





I'm Meklit Alemu, a Software Engineering major with a passion for project development.

I'm responsible for

- Product research and integration
- Creating and populating shoes database
- Developing model component
- Researching, compiling, and assist with UI design



I'm Shema Dabiri, a Software Engineering major with a passion for researching methods of improving users' experience.

I'm responsible for

- Server research and integration
- Developing view and controller components
- Updating Kanban and Github
- program architecture design



I'm Dmytro Stepaniuk, a Software Engineering major with a passion for implementing improved development features and software.

I'm responsible for

- Software testing and verifying
- Running quality tests
- Assisting in view and control
- Project documentation

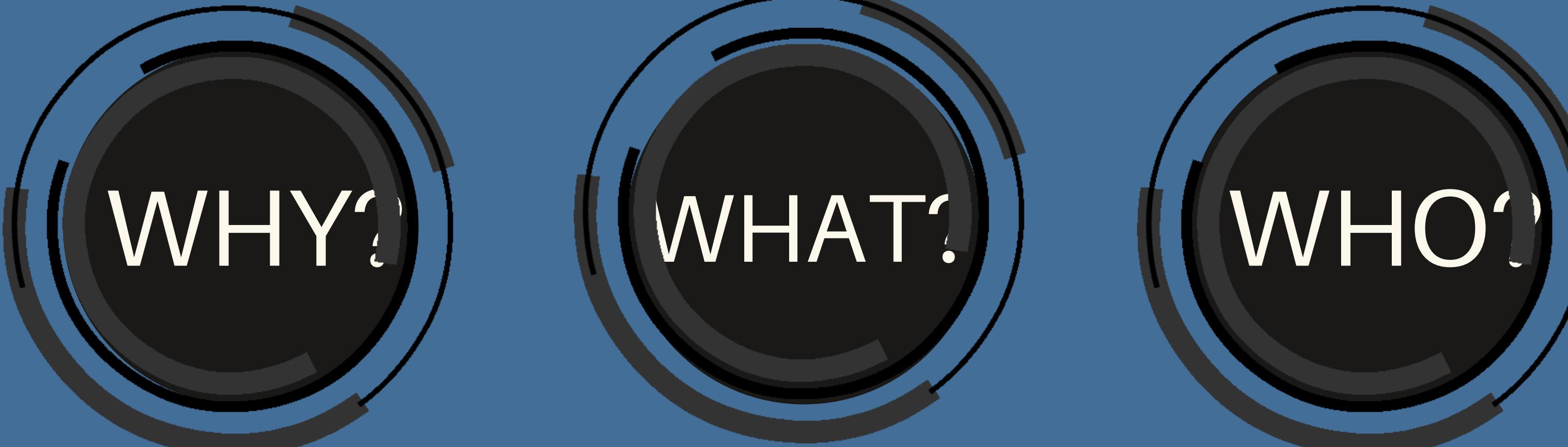
# Project Opportunity

There is an overwhelming amount of considerations to be made before the purchase of running shoes.

Provide both novice and expert runners with the tools to find the appropriate type of shoes for their running activities.

Our goal with this endeavor is to help runners have a more delightful and impactful experience while running.





# WHY?

Diverse brands, shoes terminology,  
and add-on equipment

Confusing and Overwhelming

Survey Running Room Regina and  
Foster's shoes as well as gathered  
personal data.

# WHAT?

Build better running experiences  
through a customized footwear  
assessment system

Reduce the roadblock

Research and Education

# WHO?

Novice and Expert Runners

Grade school and above

Enter User Info	Choose parameters (mvp will be based on what kind of para							Confirm Choice	Save the shoes
Enter experience level	choose based on what type of activites (competition vs c	Choose based on gait / pronation	Choose based on heel drop	Choose based on width	Choose based on trail type	Choose based on cushion	Choose based on price	ensure all parameters are chosen	Chosen parameters should be saved
<b>MVP1</b>									
option for novice	casual runner	Supination	check levels	narrow	Road	maximum	Affordable		Saved locally through pdf download
	competitive runner?	Neutral		wide	Trail	moderate	Most expensive		
		Overpronation		regular	gravel	minimum			
<b>MVP2</b>									
option for intermediate	climate	Age		marathon	choose appropriate shoes for terrain	cushioning	Medium expenditure	go back and edit with changes already saved	Saved remotely on their account
option for expert	marathoner	Body imbalance			Gravel				
sign up/register									
login									

# User Story and Kanban

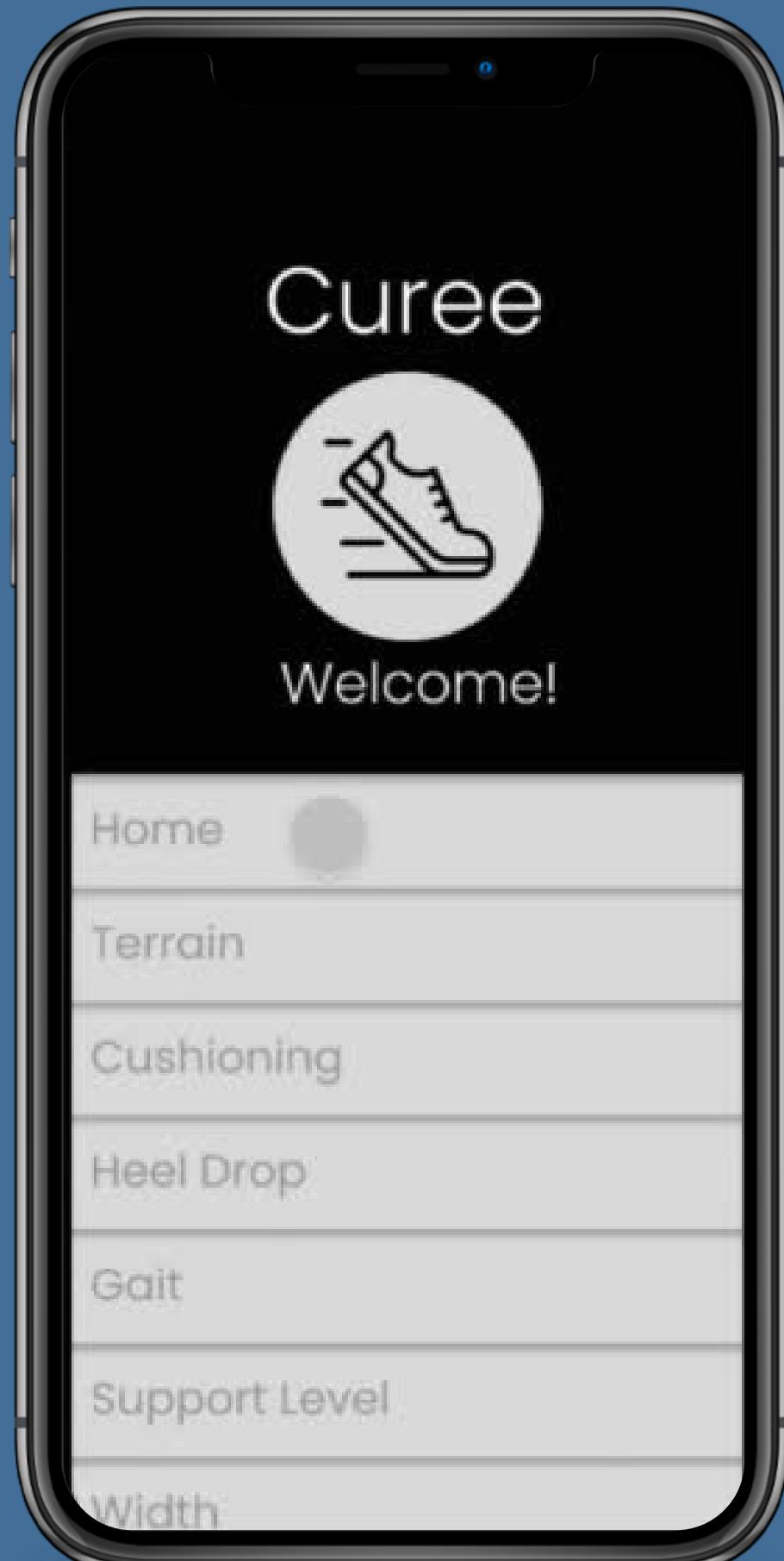


# Project Management

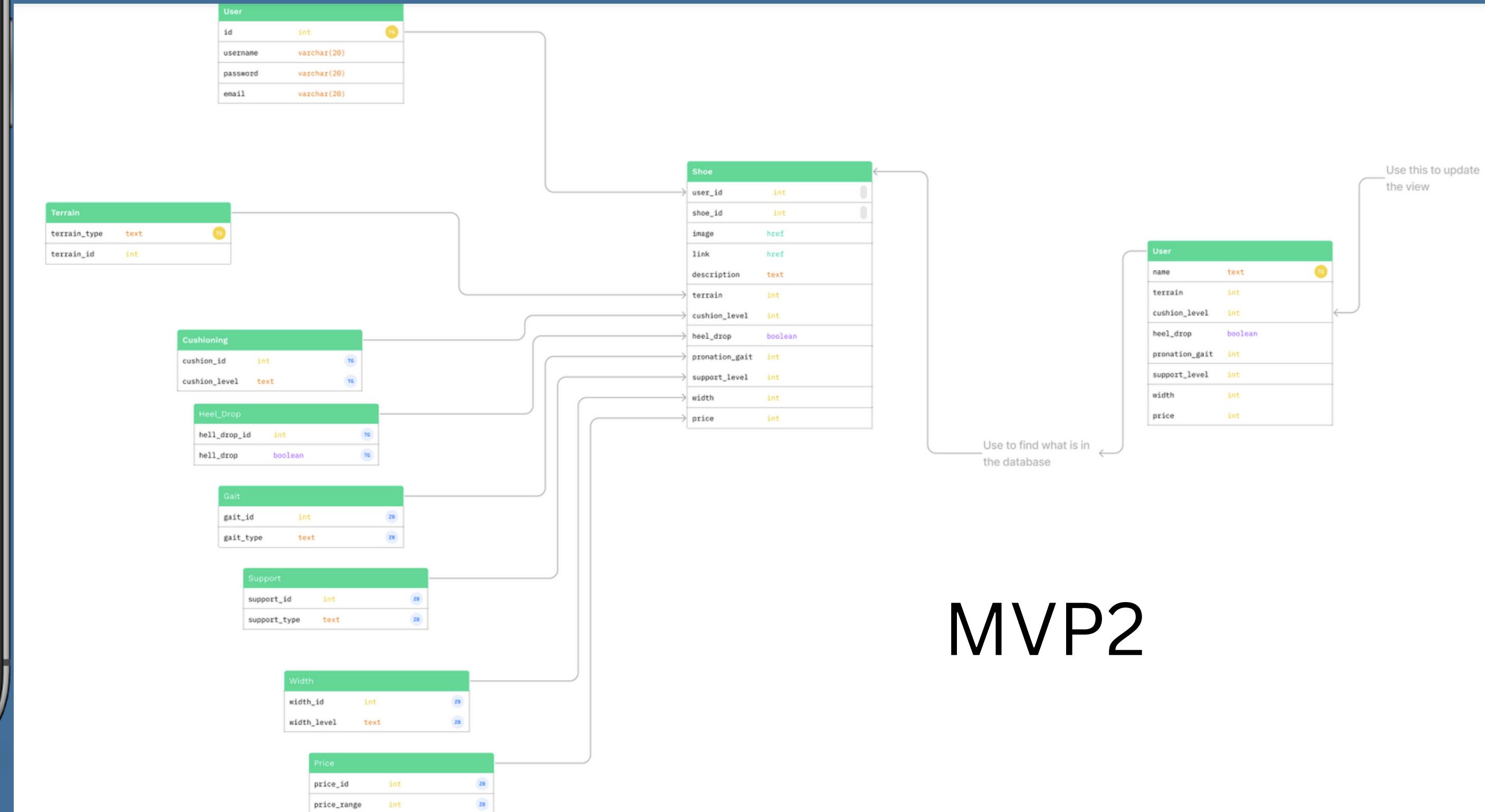
STAKEHOLDER ENGAGEMENT PLAN		
Project Name	Current	
Name	About the Stakeholder	How to Engage the Stakeholder
Users	Will utilize product services to find appropriate footwear for their running activity	<b>Provide information:</b> Provide information on future updates to the site, warnings regarding health information and referring to medical professionals for help.
Dr. Maciag	Monitor project's requirements and quality.	<b>Monitor:</b> Check the project on different stages of development and provide the feedback. <b>Neutral engagement:</b> aware of the project and neither supports or resists the decision-making process.
Team Troi	Designs and develops project as a whole.	<b>Meet requirements:</b> Design the project based on given requirements and chosen idea. Develop its structure, complete required preparation procedures, invent the interface for the project, make decisions on every level of the project. <b>Leading engagement:</b> aware of the project's impact and actively engaged in process of developing and decision making to make sure its success.

PROJECT CHARTER	
Project Name	Current
Date Produced	05/10/2022
Project Goals	The project involves creating a website that provides both novice and expert runners with the tools to find the appropriate type of shoes for their running activities. We have observed that there is an overwhelming amount of consideration required before purchasing the right running shoes. Our goal with this endeavour is to make the running experience more effective, comfortable, and delightful for newcomers by matching their needs with a personalized recommendation. The appropriate type of shoes for the user will be determined by the user's foot structure, balance, trail type, and other underlying requirements.
Project Objectives	<ol style="list-style-type: none"> <li>1) Meet weekly/biweekly project deliverable checkpoints</li> <li>2) Complete project planning documentation by the deadlines</li> <li>3) Provide a publicly accessible GitHub including project boards, user stories, and documentation of completed milestones.</li> <li>4) Develop a web-based software application (minimum valuable product, MVP) that utilizes project /software engineering management principles, takes a domain-driven design approach, and uses a Model-View-Controller (MVC) architectural pattern</li> <li>5) Design the MVP using a programming environment combination of HTML, CSS/Bootstrap, JavaScript, MongoDB (or PHP/MySQL), etc</li> </ol>
Project Budget	<ol style="list-style-type: none"> <li>1) Use free access to Hercules for a webspace localhost or Amazon Lightsail as an open-source hosting Dev/UAT</li> <li>2) Estimated cost of \$96 a year for hosting website using Amazon Lightsail.</li> </ol>
Project Sponsor	Timothy Maciag (Fh.D.), Lecturer, Software Systems Engineering
Project Manager	Shema Dabiri, Software Engineering student
Additional Key Project Stakeholders	
Shema Dabiri (Software Engineering student), Meklit Alemu (Software Engineering student), Dmytro Stepaniuk (Software Engineering student)	
[The names of key stakeholders that are known at this point in the project, including their job title or project role]	

# Design Architecture



◁◁◁ Hi-fi Desktop Demo



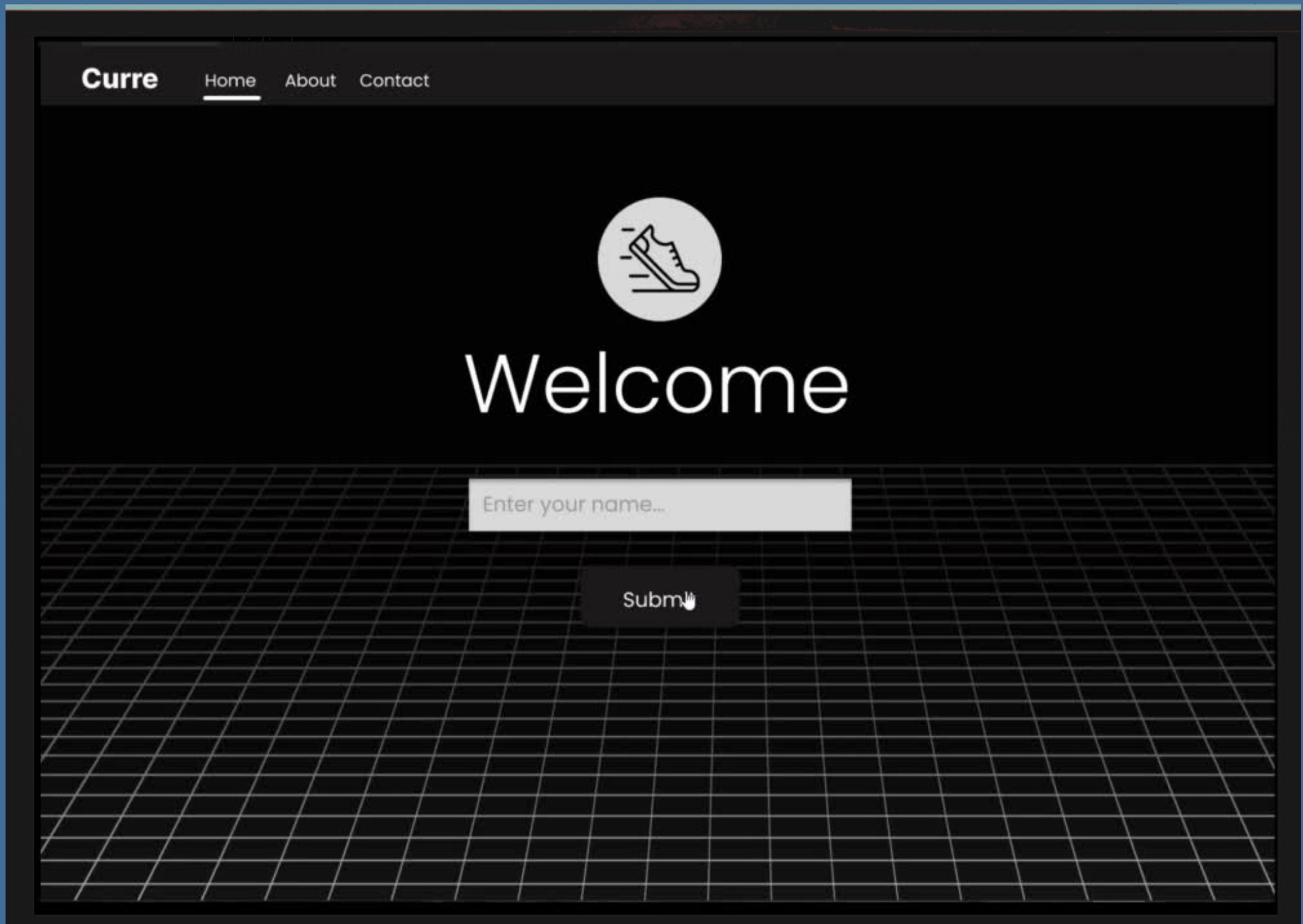
# Design Architecture

◀◀ Hi-fi Desktop Demo

◀◀ Review and Comments

## Main Systems Used

- Heroku - host project
- Mongodb - host server
- Node.js - project language
- Visual Studio - project environment
- Github - planning and docs



# MVPs



MPV1

Shoes recommendation  
algorithm



MPV2

User account and shoes  
recommendation  
algorithm



MPV3

User account  
Shoe recommendation  
Tool tip and forum to simplify  
the running world

# MVP Demo

We have combined MVP1 and  
MVP2



# MVP Review

- ◁◁◁ What makes it an MVP?
- ◁◁◁ What is the team happy with?
- ◁◁◁ What does the team think could potentially be better (if anything)
- ◁◁◁ Does what the team envision for a next MVP still jive well?



# Team Reflection

How did you feel about this project? Do you think your team was successful?

What did you like about the project? What did you dislike about the project?

What did your team feel most proud of throughout the entire project  
experience?

What did you learn about yourself as you collaborated and worked on this  
project (individually and as a team)

How will you use (or not use) what you have learned/experienced in this project  
going forward?

What "stuff & things" related to this project would you like more help with?



# Extra Features

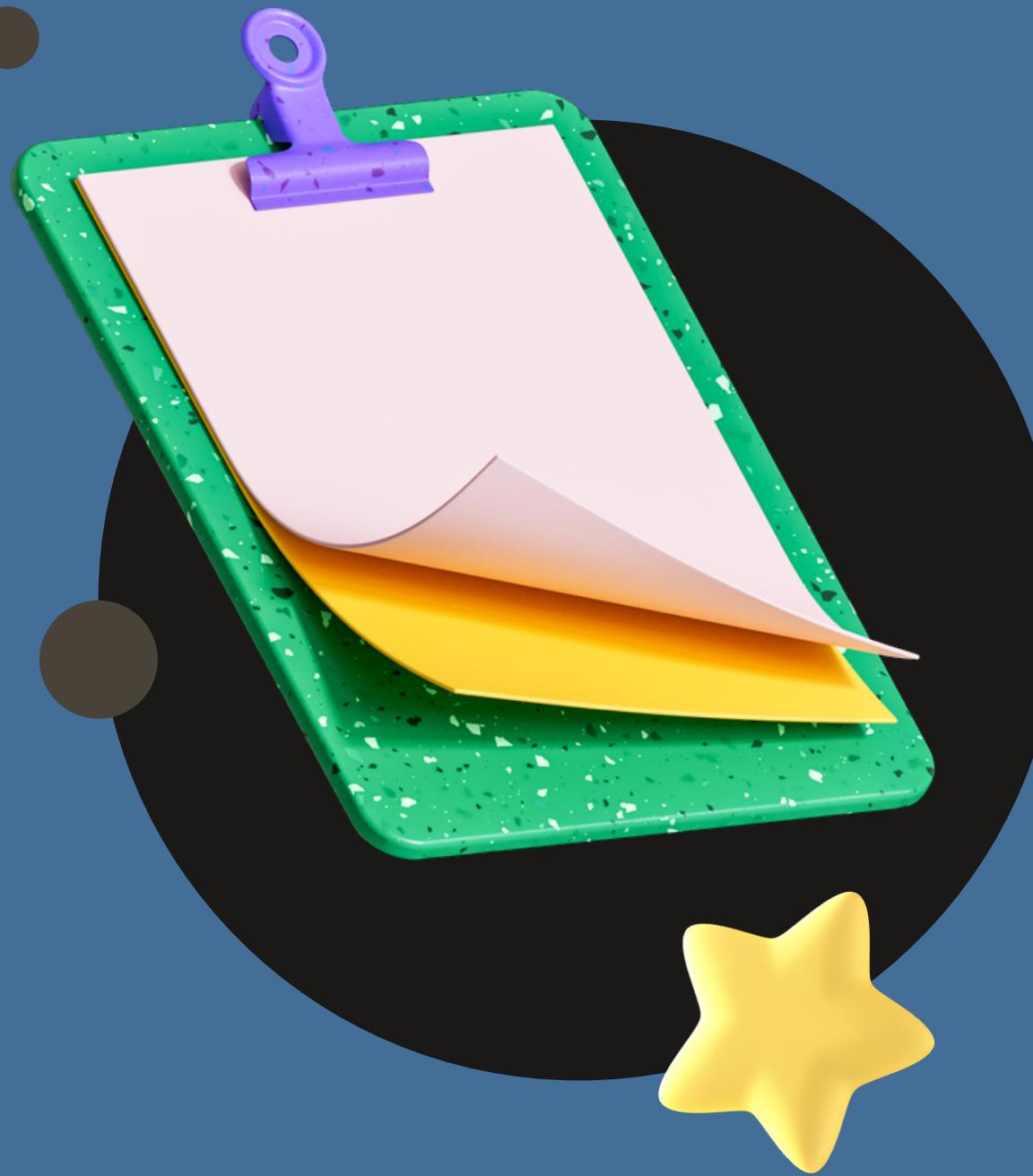
Created responsive design (desktop  
and phone)

# Access Project

<https://curre-ense.herokuapp.com/>

[https://github.com/meklitAlemu/ENSE374\\_Troi](https://github.com/meklitAlemu/ENSE374_Troi)

[https://www.figma.com/file/OUxuVtfOXXkNBh  
huScQGuE/Curre?node-  
id=0%3A1&t=n4AiQsacYg0huMAi-0](https://www.figma.com/file/OUxuVtfOXXkNBhhuScQGuE/Curre?node-id=0%3A1&t=n4AiQsacYg0huMAi-0)



# References

- [https://www.google.com/search?q=graphic+3d+design+shoes&tbm=isch&ved=2ahUKEwjlusDcI6\\_7AhVmLQHZQZBRqQ2-cCegQIABAA&oq=graphic+3d+design+shoes&gs\\_lcp=CgNpbWcQAzECCMQJzoFCAAQgAQ6BggAEAgQHjoECAAQHICgAIjGB2D3DWgAcAB4AIAbfogBywSSAQM2lGYAOcgAQGqAQtn3Mtd2l6LWltZ8ABAQ&client=img&tbo=h\\_9Y4jGebo0PEPLOUwAE&bih=784&bir=1536#imgrc=JM3ejwgGpIBVIM](https://www.google.com/search?q=graphic+3d+design+shoes&tbm=isch&ved=2ahUKEwjlusDcI6_7AhVmLQHZQZBRqQ2-cCegQIABAA&oq=graphic+3d+design+shoes&gs_lcp=CgNpbWcQAzECCMQJzoFCAAQgAQ6BggAEAgQHjoECAAQHICgAIjGB2D3DWgAcAB4AIAbfogBywSSAQM2lGYAOcgAQGqAQtn3Mtd2l6LWltZ8ABAQ&client=img&tbo=h_9Y4jGebo0PEPLOUwAE&bih=784&bir=1536#imgrc=JM3ejwgGpIBVIM)
- <https://depositphotos.com/4412638/stock-illustration-sport-shoes-sneakers-vector-illustration.html>