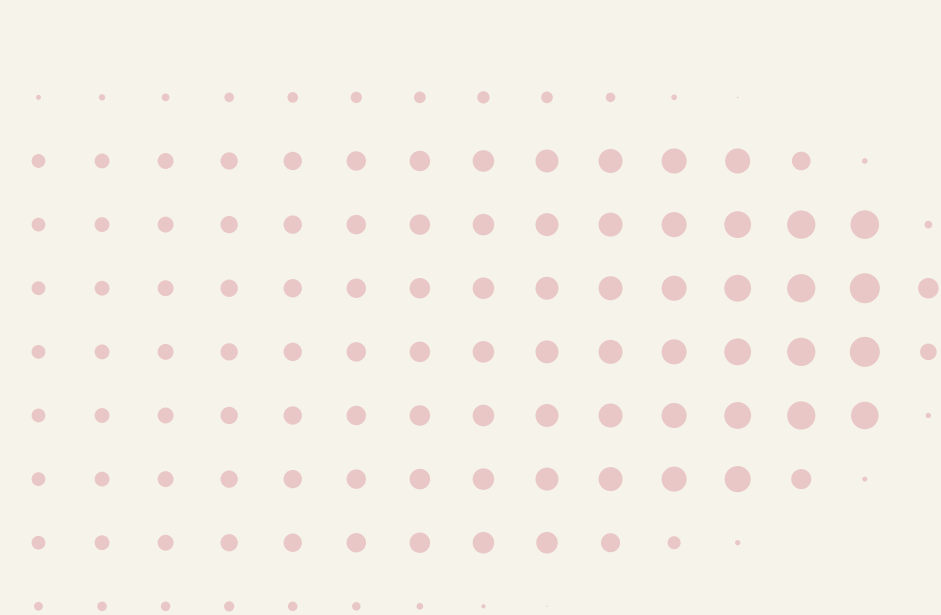


The background features three vertical stripes on the left: a wide pink stripe, a medium blue stripe, and a narrow beige stripe. The rest of the background is a light beige color with a pattern of small, faint pink dots arranged in a grid, with some dots missing to create a sparse effect.

MINI PROJECT

Topic Proposal

Group 11 | S6 CSE BETA



VERDE

A sustainable fashion shopping platform



INTRO AND RELEVANCE

It is an online marketplace dedicated to promoting eco-friendly, ethically produced clothing and accessories.

Aim: to reduce the environmental impact of the fashion industry by connecting consumers with brands that prioritize sustainability.

- Provides consumers with access to sustainable fashion options, encouraging responsible purchasing habits.
- Supports ethical brands and artisans, fostering a community focused on sustainability.
- Educates users about the impact of fast fashion and the benefits of choosing sustainable alternatives.



FEATURES

**Product
Filtering**

**Transparent
Data**

**Circular
Economy**

**Loyalty
Program**





TOOLS

1

Frontend: HTML, CSS, JavaScript

2

Backend: Python

3

Database: Firebase

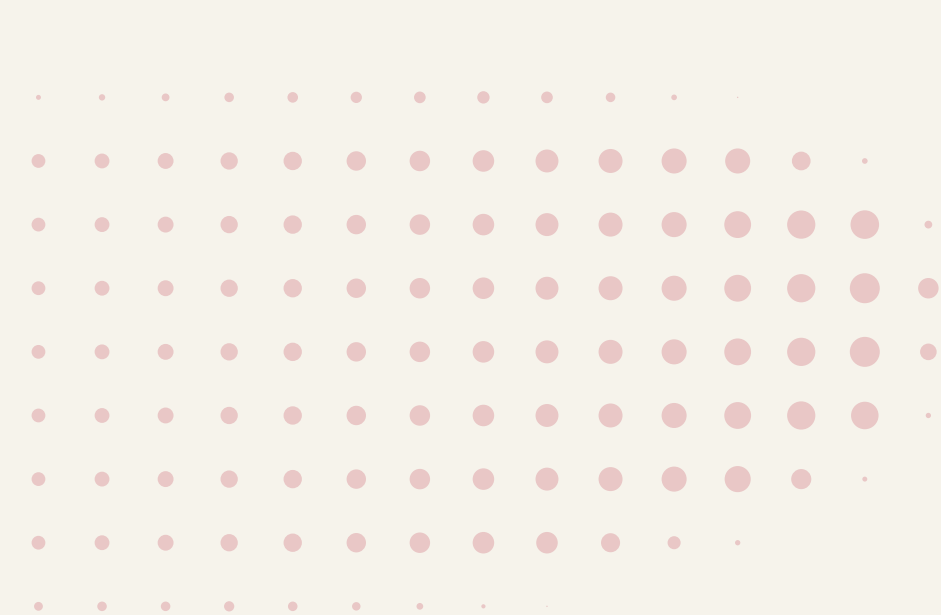
4

Hosting: Vercel

5

Version Control: Git





RAMUP

A game designed to test and help the players improve their memory.



INTRODUCTION AND RELEVANCE

The Memory Game is an engaging and interactive card-matching game designed to test and improve players' memory skills. Players flip cards to find matching pairs within a grid, with increasing difficulty levels and various customization options. This game incorporates fun themes, scoring mechanisms, and additional challenges to enhance user experience.

- Boosts Cognitive Skills: Enhances memory, focus, and problem-solving abilities.**
- Customizable Fun: Offers grid sizes, themes, and difficulty levels for a tailored experience.**
- Inclusive Design: Accessibility features like large fonts, dark mode, and keyboard controls.**
- Social Engagement: Multiplayer mode and leaderboards promote friendly competition.**
- Convenient Entertainment: Playable on mobile or desktop, even offline.**



FEATURES

Timer

Theme

Card shuffle

Move counter





TOOLS

1

Front-End: React/HTML with CSS

2

Back-End: Python

3

DataBase: Firebase

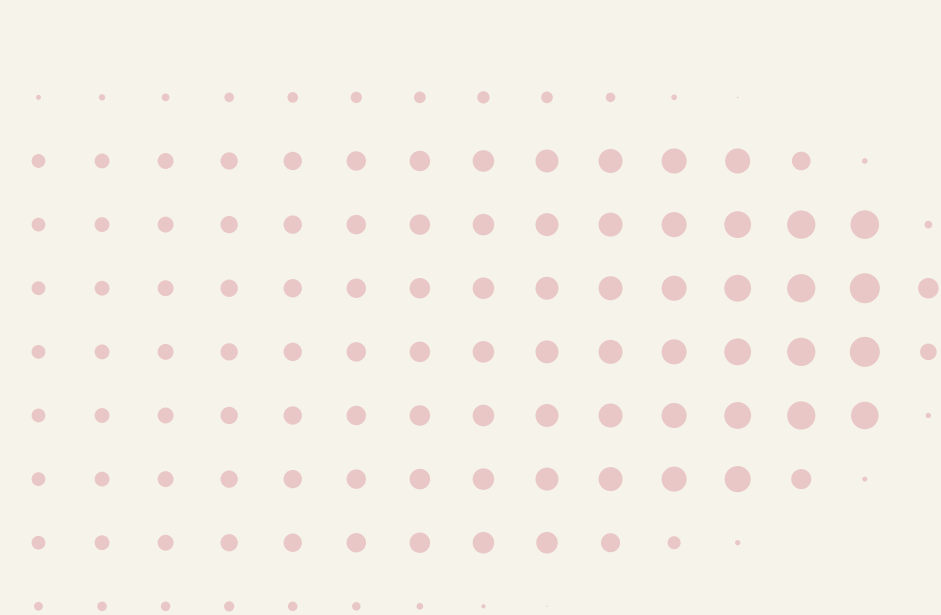
4

Hosting: Vercel

5

Version Control: Git





TERMINAL VELOCITY

Game for learning Linux commands



INTRO AND RELEVANCE

Terminal Velocity is a web platform designed to help users learn and master basic Linux commands, organized by difficulty level. Whether you're a beginner or looking to refine your skills, Terminal Velocity provides interactive tutorials and practical exercises to guide you through essential Linux tasks, making the learning process easy and engaging.

- **Mastery of Linux commands is crucial for system administration, software development.**
- **Helps users overcome the initial intimidation of the Linux command-line interface.**
- **Offers level-based learning, allowing users to progress from basic commands to more advanced system management tasks.**
- **Empowers users to work comfortably with Linux, opening doors to career opportunities in the tech industry.**



FEATURES

**Real Linux
command
execution**

**Level based
game play**

**Level
unlocking
system**

**User
validation**





TOOLS

1

Front-End: React/HTML with CSS

2

Back-End: Firebase

3

Authentication: Firebase

4

Terminal components: JavaScript

5

Terminal implementation: Docker



S6 CSE-BETA | 2025

THANK YOU

Presented by: Group II