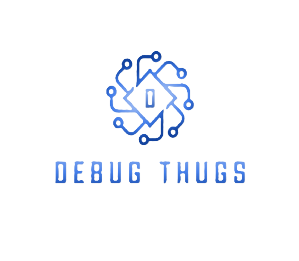
****

**Debug Thugs**



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## Members

|  |  |
| --- | --- |
| Team member | Role in the team |
| Gabriela Badalova | Scrum trainer |
| Kaloyan Kolev | Back-end developer |
| Lubomir Imelov | Back-end developer |
| Emanuela Mancheva | Designer |

## Realization steps

|  |  |
| --- | --- |
| 1. Idea | An app where students study, take tests, and track scores, while parents can view their child's grades. |
| 2. Design | We created the design of our project using Figma and Canva for the logo. |
| 3.The process of creating the game | We talked everyday with our mentor and everyone worked equally. We used Microsoft Teams for communication and GitHub to commit changes of the code. |
| 4. Presentation & Documentation | We created the documentation using Microsoft Word and for the presentation we used PowerPoint. |

## Used technologies

|  |  |
| --- | --- |
| 1. Languages | We used C++. |
| 2. Documents tools | We used PowerPoint & Microsoft Word. |
| 3.Design Tools | We used Figma for the design and Canva for our logo. |

## Block scheme

End

Restart or Exit

Restart or Exit

Restart or Exit

Restart or Exit

Restart or Exit

Restart or Exit

Restart or Exit

Result Processing

Lose Condition (No moves left)

Lose Condition (No moves left)

Lose Condition (No moves left)

Lose Condition (No moves left)

Lose Condition (No moves left)

Tests and Questions

Win Condition (The 2048 reached)

Win Condition (The 2048 reached)

Win Condition (The 2048 reached)

Win Condition (The 2048 reached)

Win Condition (The 2048 reached)

Access to Study Materials

Add New Tile

Add New Tile

Add New Tile

Add New Tile

Add New Tile

Add New Tile

Login and Sign up

Move and Merge tiles

Move and Merge tiles

Move and Merge tiles

Move and Merge tiles

Move and Merge tiles

Move and Merge tiles

Move and Merge tiles

Move and Merge tiles

Move and Merge tiles

Move and Merge tiles

Move and Merge tiles

Student/Parent

Input Detection

Input Detection

Input Detection

Input Detection

Input Detection

Input Detection

Input Detection

Input Detection

Input Detection

Input Detection

Input Detection

Input Detection

Input Detection

Input Detection

User Role Selection

Game Initialization

Game Initialization

Game Initialization

Game Initialization

Game Initialization

Game Initialization

Game Initialization

Game Initialization

Game Initialization

Game Initialization

Game Initialization

Game Initialization

Start

Start Game

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