**Code Forge**

**Documentation**

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**Team Information**

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| **Name** | **Role Grade** |
| **Kristiyan Grigori Daradjanov** | **Scrum trainer 9B** |
| **Nikolay Hristov Dimitrov** | **Backend dev 9B** |
| **Cvetomir Petrov Luchev** | **Frontend dev 9A** |
| **Kristiyan Radoslavov Parashkevov** | **Designer 9G** |

**Project idea**

* **Our project is an electronic test designed to help students test and hone their skills across different categories.**
* **The goal is to provide an interactive and user-friendly platform where users can assess their knowledge, receive feedback, and track their progress.**
* **By offering a structured and engaging way to practice, the electronic test serves as a valuable learning tool for students aiming to improve their understanding of various subjects.**

**Project information**

**Information**

* **Description**

**An electronic test that helps students assess and improve their skills in different categories. Written in C++.**

* **How to access it?**

**You can access by cloning our repository from GitHub.**

* **Communication**

**For communication we used Discord  
because of it’s good quality screen sharing and the ease to find old photos from the chats with the search option.**

* **What programs were used**

**We used GitHub for file management and collaborative work, Visual Studio for code editing, Discord and Teams for communication, PowerPoint for our presentation, Word for the documentation**

**Ways of realization**

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| **№** | **How did we do it?** |
| **1** | **Task Distribution**  **The Tasks were distributed based on the skillset of everyone. We also notified each other when a commit was made so everyone can stay up to date with the collaborative work. This way our team was as productive as possible.** |
| **2** | **Task completion**  **Every day we held a meeting to track the development and help each other progress further. We also resolved issues and shared ideas.** |
| **3** | **Deadlines**  **In these meetings we also discussed time management, how specific parts were coming along, what everyone had done in their specified time and what things should be completed in the near future.** |

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| **№** | **Task Breakdown**  **Creating the Main Menu** |
| **1** | **The main menu was created by our Designer. It allows users to navigate between different test categories.** |
| **2** | **Developing the test system**  **The core functionality of the electronic test was implemented by the backend developer. It handles question selection, user input, and scoring.**  **Designing the test interface** |
| **3** | **The UI was designed by the frontend developer and the designer to ensure a user-friendly experience.**  **Implementing different test categories** |
| **4** | **Various test categories were created by the Backend developer, focusing on different subjects.**  **Review and debugging** |
| **5** | **The entire team participated in testing and debugging to ensure the test works correctly and efficiently.**  **The documentation** |
| **6** | **The written documentation and presentation were prepared by the Scrum trainer.** |