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Картина, която съдържа стрелка

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# Team members

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# Summary

## Goal

* + The main goal of our project is to present C++ History Application. We have created an amazing algorithm and an easy to use and understand styled UI.

## Stages of Realization

* + First, we discussed ideas related with the project.
  + We assigned roles, tasks and scheduled meetings.
  + The Back-End and Front-End developers started writing the code for our application.
  + The QA Documentation was made by the QA Engineer and Front-End developer.
  + Our Scrum Trainer made the presentation, documentation and README.

## Used Technologies

|  |  |
| --- | --- |
| Visual Studio | Used as a base where to write the code. |
| Icon  Description automatically generatedIcon  Description automatically generatedVisual Studio Code | Used to make the README file. |
| Icon  Description automatically generatedGitHub | To synchronize the team and upload the project’s files. |
| Transparent Discord Logo PNG Square 2021 | PnggridDiscord | For communication. |
| Download Microsoft Word (Multi-Tool Word) Logo in SVG Vector or PNG File  Format - Logo.wineWord | For documentation. |
| Download Microsoft Excel Logo in SVG Vector or PNG File Format - Logo.wineExcel | For QA documentation. |
| Icon  Description automatically generatedPowerPoint | For presentation. |
| Krita - WikipediaKrita | For logo. |

## Difficulties we encountered

|  |  |
| --- | --- |
| Team Configuration | 6/10 |
| Code Development | **9/10** |
| Roles Distribution | **6/10** |
| Team Organization | **6/10** |

# Block Diagram

# Functions

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
| File | **Name** | **Type** | **Parameters** | **Purpose** |
| Admin.cpp | addEvent() | void | - | Function for adding to the linked list |
| getFirstKingdomEvents() | EVENT\_LIST\* | - | Function for getting first Kingdom events |
| getSecondKingdomEvents() | EVENT\_LIST\* | - | Function for getting second Kingdom events |
| initialiseEvents() | void | - | Function for initializing events |
| AccountSystem.cpp | addAccount() | void | ACCOUNT account | Function for adding account to the linked list |
| isNameValid() | bool | std::string name | Function for checking validity of name |
| isPassValid() | bool | std::string password | Function for passing the validity |
| isMailValid() | bool | std::string email | Function for mail validity |
| countSymbols() | int | char symbol, std::string word | Function for counting symbols |
| isEmailStartsWith() | bool | std::string email | Function for starting email typing |
| AccountSystem.cpp | counterUpperCase() | int | std::string password | Function for counting upper symbols |
| isNameContainsNumbers() | bool | std::string name | Function for checking for containing numbers |
| searchAccount() | ACCOUNT | std::string email, std::string password | Function for searching account |
| initialiseAccounts() | void | - | Function for initializing accounts |

# Conclusion

The project taught us how to work in a team, take responsibility and gave us the skill to allocate our time properly. We also developed a lot in writing in C++.