

SPŠE Ječná
Information Technology
Adresa: Ječná 30, 120 00, Praha 2

Název práce

Crypto-Calendar-Legend

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Objective

Create a calendar with work reminders.

Software Requirements

You need Java 16.x. No external libraries are used.

Description

The application features a calendar with reminders and cryptocurrency tracking capabilities. Upon launch, four windows will open: Data Entry APP, Crypto and Currency Selector, Calendar with Notes, and Data Selector. Each window has a specific purpose:

1. **Data Entry APP**: Allows you to create a reminder. You enter the data and save it. (Note: All fields except the description must be filled. In the date type, you should specify a number. If the number is 0, the reminder will be one-time. If another number is specified, the reminder will repeat every specified number of minutes. For example, if you enter 1, the reminder will repeat every minute. If you enter 60, it will repeat every hour.)
2. **Crypto and Currency Selector**: Allows you to select a cryptocurrency and a currency. It displays the price of the selected cryptocurrency in the chosen currency.
3. **Calendar with Notes**: A working calendar. The current day is highlighted in yellow. Clicking on a day allows you to add a note. After saving the note, the appearance of the day changes. Clicking on it again opens the previously saved note, and you can edit it.
4. **Data Selector**: Allows you to delete reminders. (It is recommended to press refresh before use to see the most up-to-date information.)

Conclusion

The project exceeded my expectations. I learned to work with APIs and improved all my skills. The work was challenging, and I tried to do it bit by bit every day. I also had significant problems with GitHub, as everything kept crashing, breaking, and bugs appeared. The best solution I found was to create a new repository each time. Additionally, I had issues with building the project (the build button just disappeared, which sounds funny). Also, IntelliJ IDEA showed non-existent errors (30 errors in one class, 70 in another, but everything works perfectly). I wanted to make a full-fledged parser, but it turned out to be more complicated than I thought (I'll

try again during the holidays). Nevertheless, I succeeded, and the project is alive and makes me happy (I use it myself).

Links

[ChatGPT](<https://chatgpt.com/>)