

SE 380 Project Report

Group Name:

- Cebeci

Group Members:

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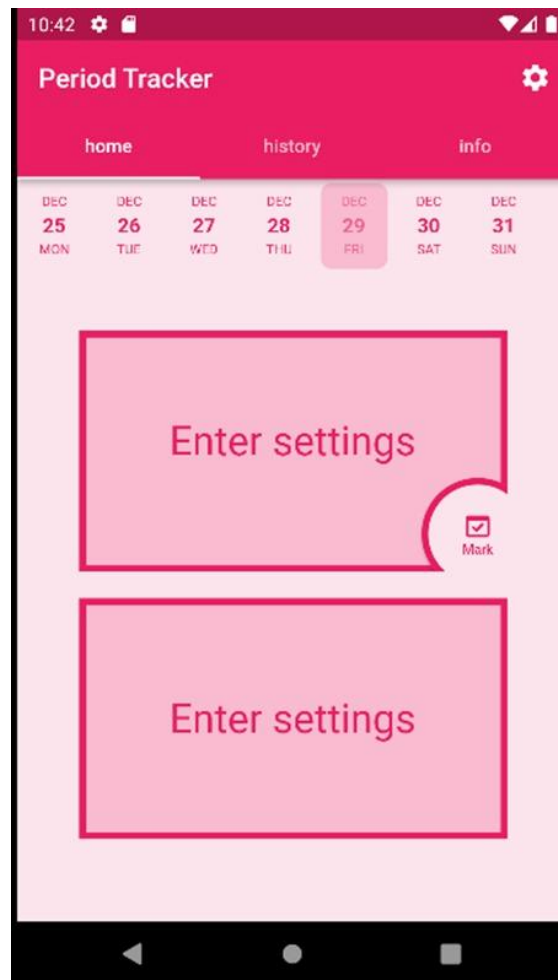
Aim of the Project:

- The primary objective of our application is to empower women to manage their menstrual cycles in a healthy and informed manner. Additionally, the application aims to provide essential guidance in atypical situations that may arise related to menstrual health. This tool is designed to offer support and information to ensure women are well-equipped to handle various aspects of their menstrual health with confidence and knowledge.

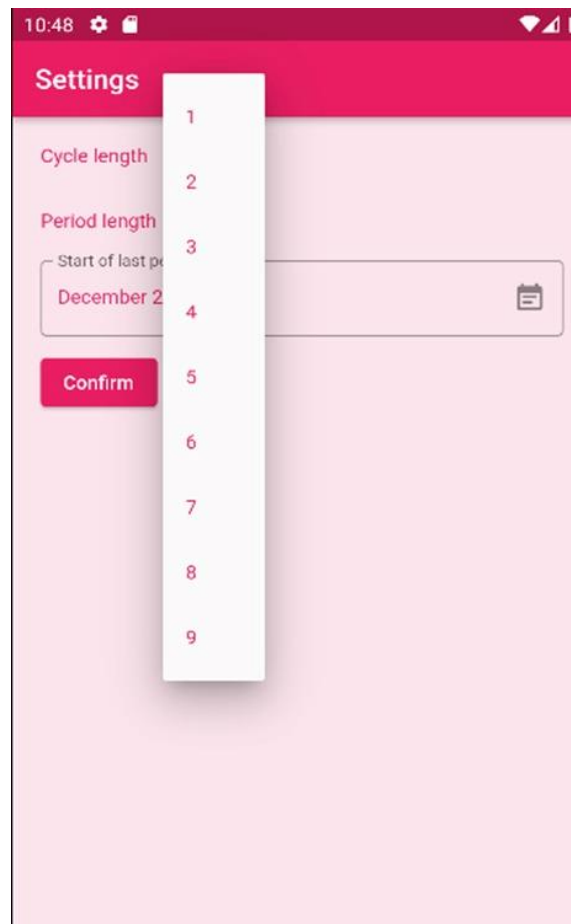
External Help:

- Calender =>
https://www.youtube.com/results?search_query=calender+flutter
- Date_picker_timeline =>
https://www.youtube.com/results?search_query=package%3Adate_picker_timeline%2Fdate_picker_timeline.dart%27%3B
- Hive = > https://www.youtube.com/results?search_query=hive+flutter
- https://www.youtube.com/results?search_query=tuple+for+flutter
- https://www.youtube.com/results?search_query=storage+flutter
- Google Dijital Atölye – Gazihan Alankuş

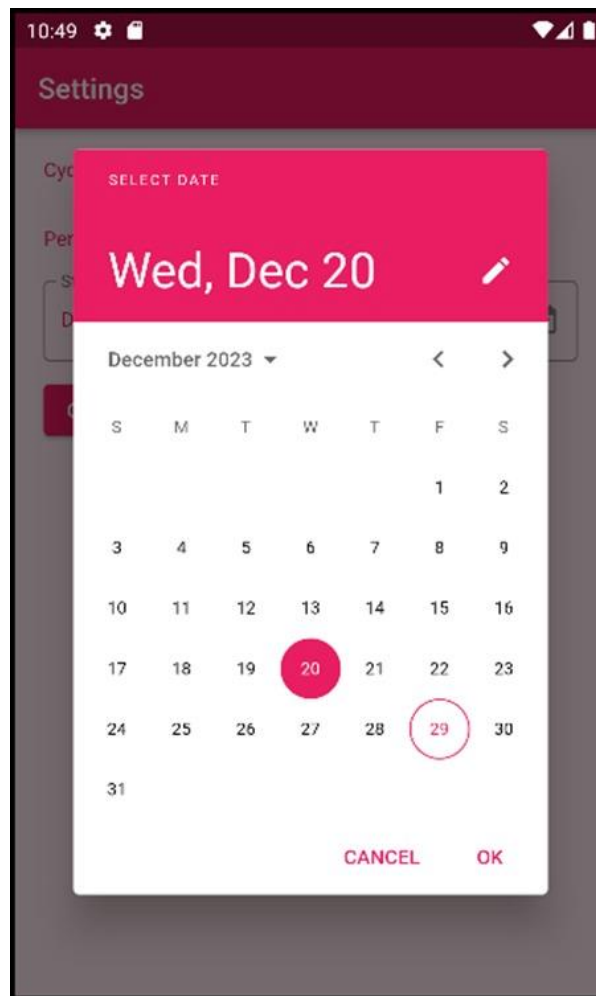
User Guide of our Application:



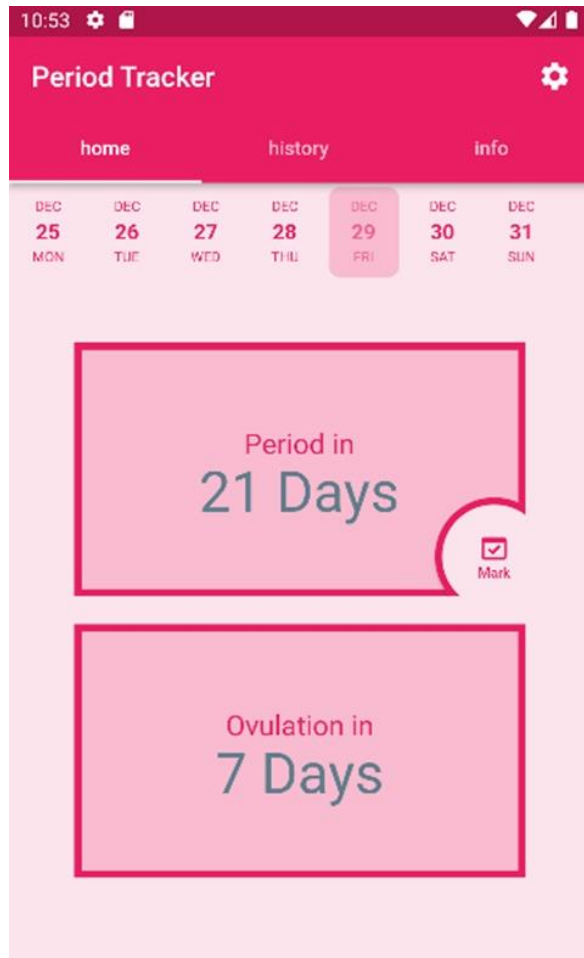
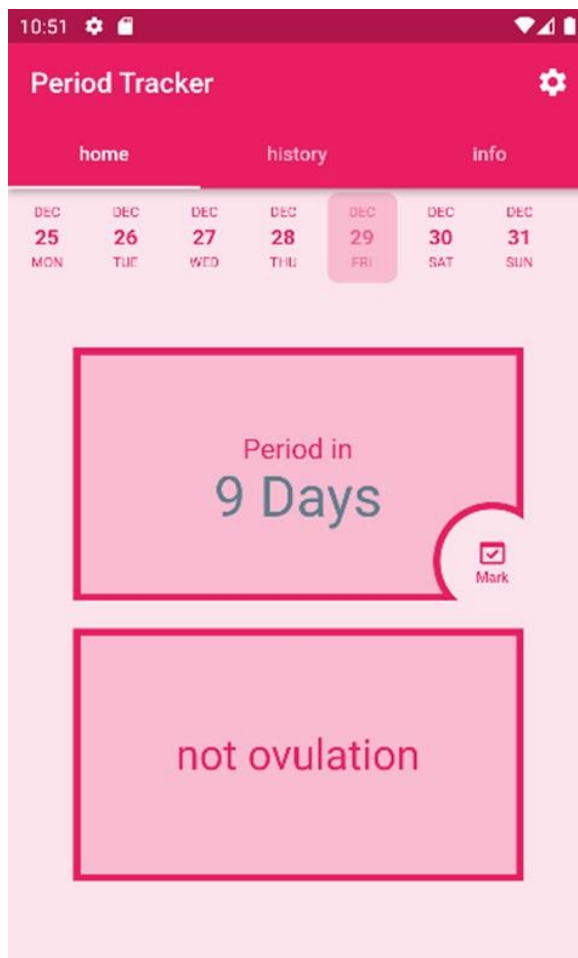
On the upper right corner of the home page, the name of the application, "Period Tracker," is prominently displayed. Directly beneath it, there are three distinct options available for the user. This particular view is presented when the home button is pressed, ensuring easy navigation and access to the key features of the application.



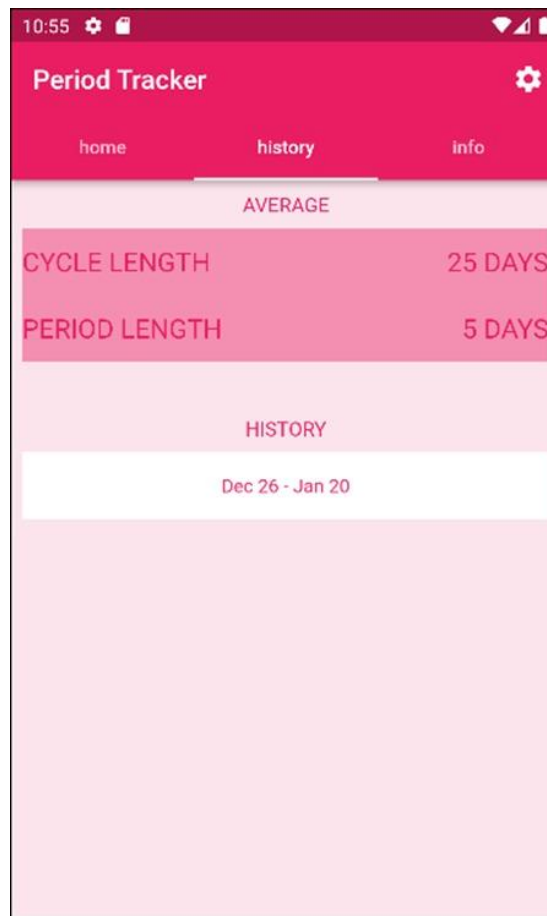
Upon selecting the "Enter Settings" option, users are directed to a screen where they have the ability to input a date. This feature is designed for personalized configuration, allowing users to customize their experience according to their specific menstrual cycle needs and preferences.



For a more user-friendly experience, a calendar is displayed on the date selection screen, as illustrated in the picture. This calendar interface enables users to easily make selections and input their desired dates. This design choice simplifies the process, ensuring that users can efficiently manage and track their menstrual cycles with minimal effort.



Once a date is selected, the screen will display the estimated time of the next menstrual period. This feature is designed to provide users with predictive information about their menstrual cycle, enhancing the app's utility in planning and personal health management. The display of this estimate is a key function of the application, offering valuable insights to the user regarding their menstrual health.



When the "History" button is pressed, a screen opens that displays detailed information about past menstrual cycles. This screen includes data such as the dates of previous cycles and their duration. This historical overview allows users to track their menstrual patterns over time, providing valuable insights into their menstrual health and any potential irregularities or trends.



Finally, when the "Info" button is pressed, the screen depicted in the picture is displayed. This screen is populated with a variety of texts that offer educational information to the users. Through this feature, users have the opportunity to learn about aspects of menstrual health that they may not have been previously aware of. The provision of this educational content is a crucial aspect of the application, as it empowers users with knowledge and helps them make informed decisions about their menstrual health.

Features developed after presentation:

- Login
- Registration

Distribution of tasks:

Seray Cebeci:

- User Interface Design and Business Logic of the Login Page.
- User Interface and Business Logic of the 'I Forgot My Password' Feature.

İsmail Furkan Susam:

- Management of the Main Workflow and Navigation Structure in the Application.
- User Interface and Business Logic of the Results Screen Displayed Upon Completion of the Process.

Özlem Nur Nazlıoğlu:

- User Interface Design and Business Logic of the Registration Page.
- User Interface Design and Business Logic of the Screen Displaying the Result After Login with Google