



MVC SOFTWARE ARCHITECTURE

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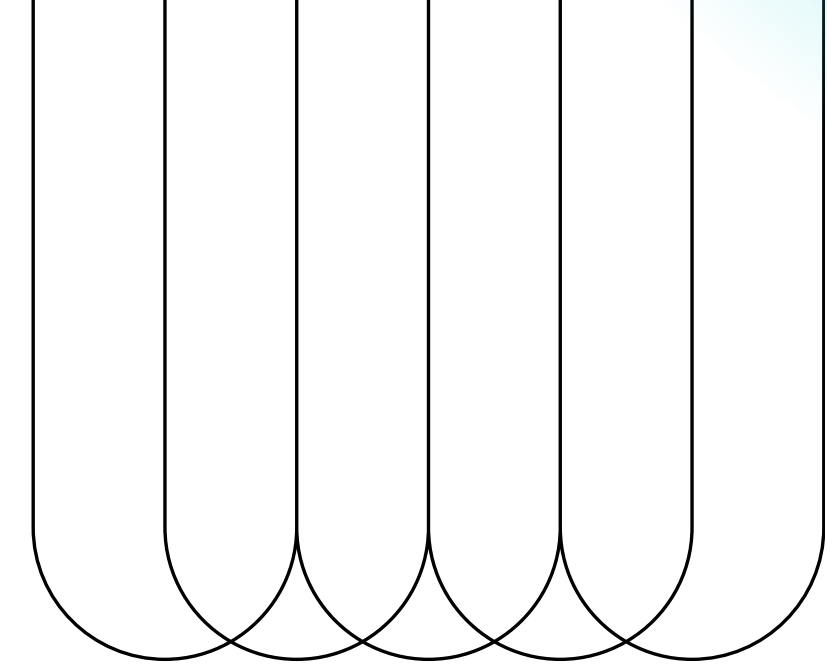
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WHAT IS MVC

MODEL-VIEW-CONTROLLER

MVC Architecture is very popular and highly demanded software development pattern. MVC is split into three main branches such as Model, View and Controller



Model represents variable types and business logic. It has been being used for database operations and data validation.

View represents presenting the app to users. It used for managing user operations, In addition, it is used to get input from users and send output from database to the user.

Controller represents providing Model and View layers communication. It handles inputs from users and sends them to the Model layer. On the other hand Controller gets data from Model and update the View layer.



ADVANTAGES OF MVC

- **DISCREMENTED STRUCT**

Separating code into three layers helps improve organising and managing.

- **REUSABILITY**

Every part of your code is easily testable and reusable.

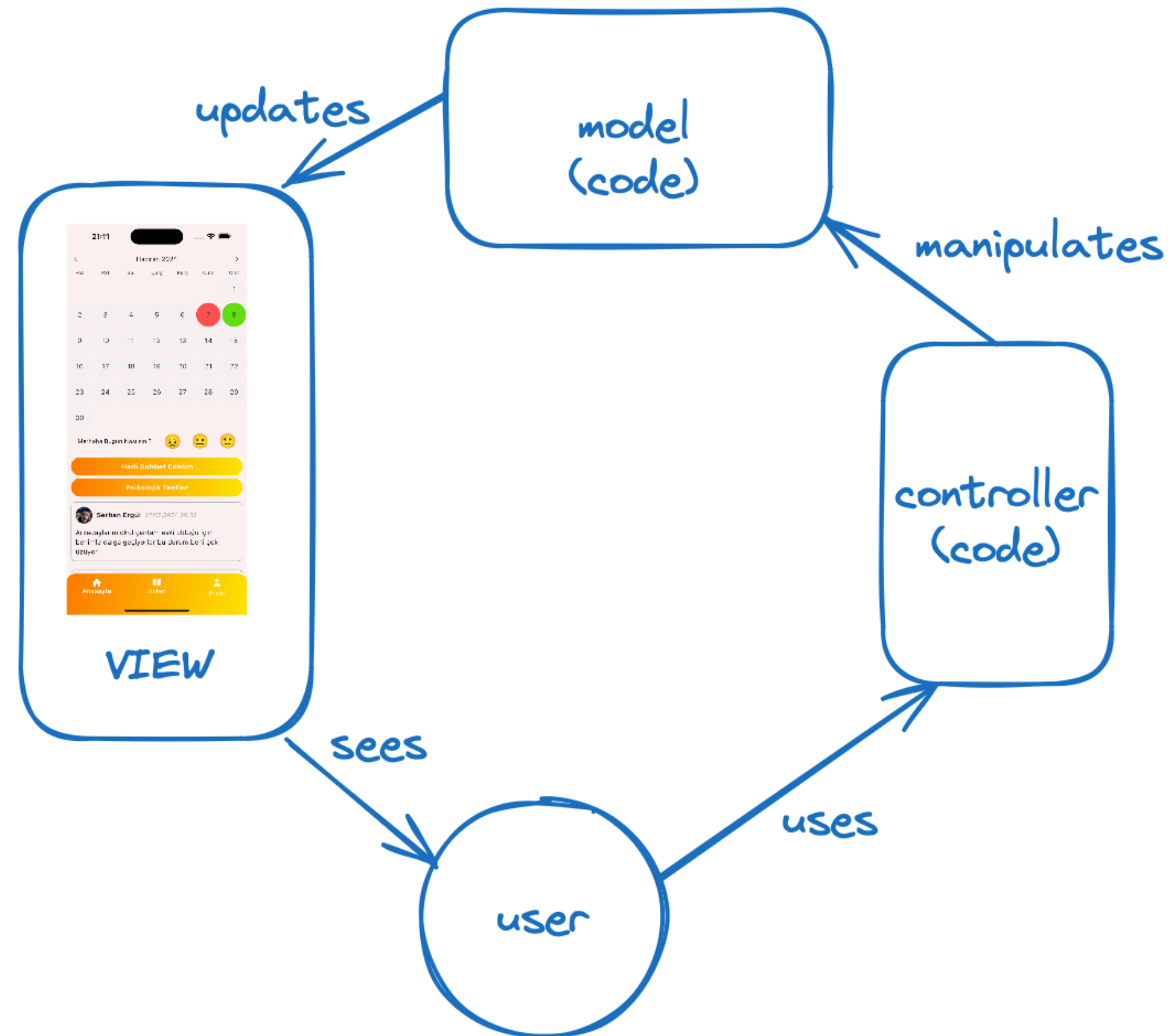
- **MANAGING EASLY**

The code can be easily updatable, Uptading the code only relates to the relevant sections.

- **GOOD FOR TEAMWORK**

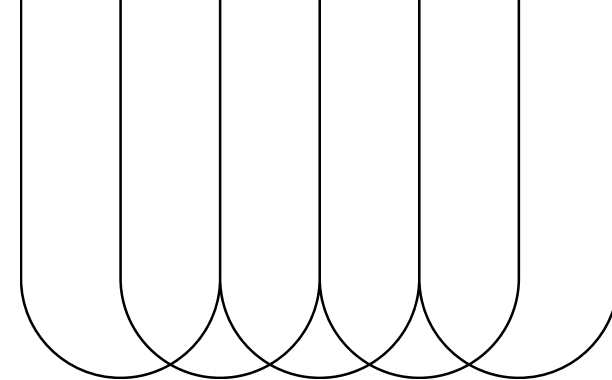
Team members can work synchronously with different parts.

MVC MODEL GRAPH



SUMMARY

MVC is well used software architecture. It used to Mobile, Computer and website applications. It improve code quality, code maintaining. It provide modular development.



END

