

COMP3211 Software Engineering Project

Group 69

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THE REQUIREMENTS



Create

Users shall be able to create PIRs according to different categories, such as notes, contacts, events, and tasks.



Update

Users shall be able to replace the existing PIRs with new data.



Delete

Users shall be able to delete existing PIRs according to their unique identifier (UID).



Search

Users shall be able to search for existing PIRs according to different search criteria.



View

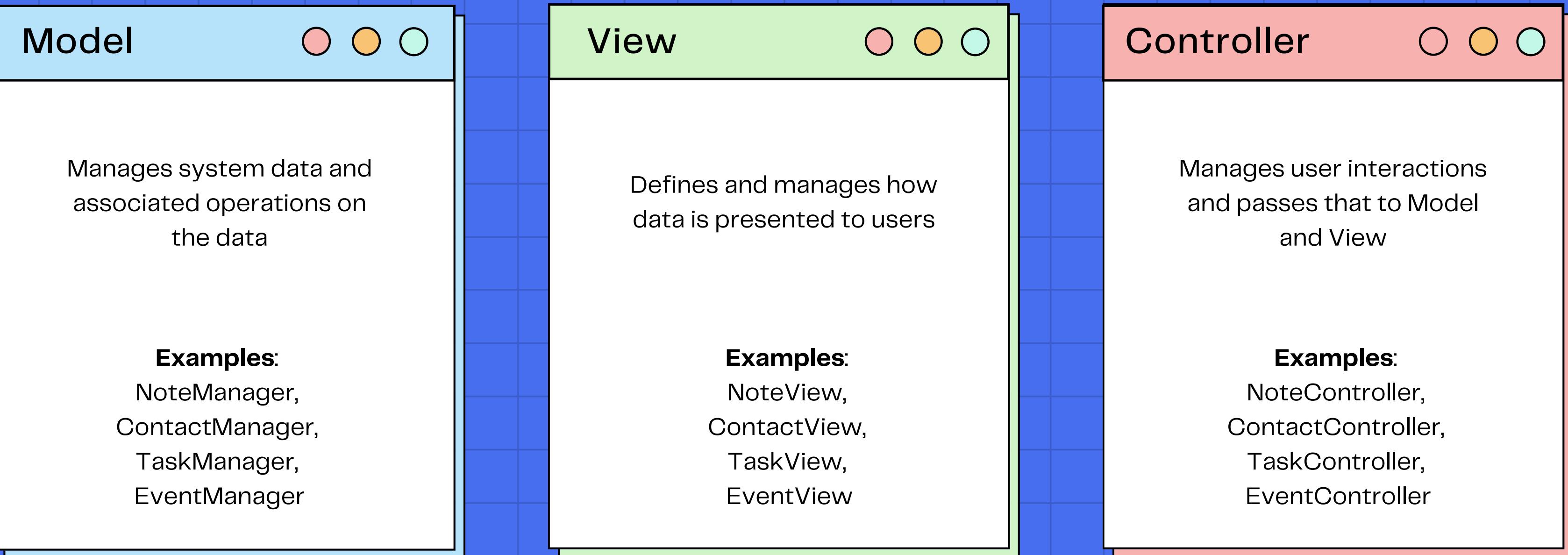
Users shall be able to view existing PIRs, either entirely or according to search criteria.



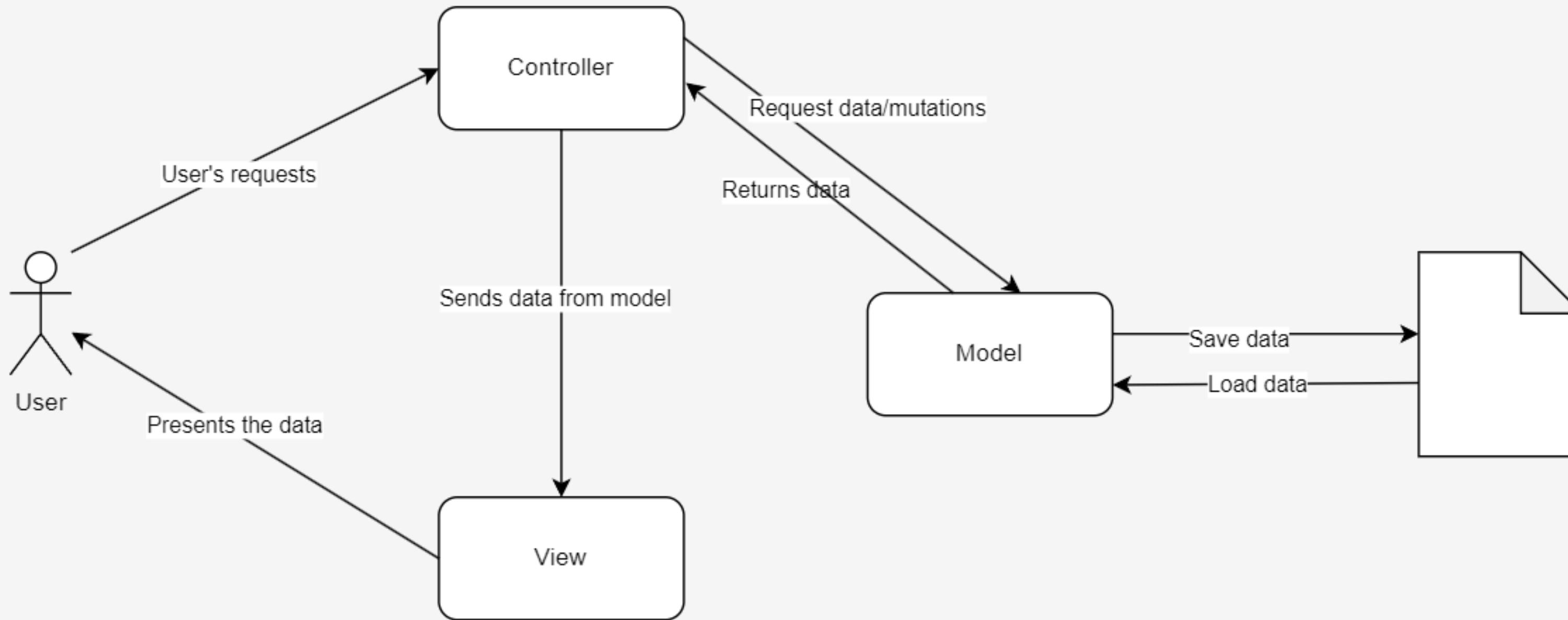
Persistance

Existing records are loaded automatically, while users are able to save the records manually.

Architecture Design



Architecture Design





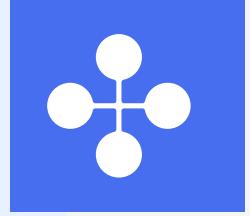
Why do we implement this architecture design?



Maintainability



Reuseability



Scalability

Partition Testing

- Enhance test coverage
- Efficient in test case design
- Support black-box testing

Limitation

- Tradeoff between user friendliness and expressive power
- Primitive update and saving function

Things that we learnt

- Version control
- Test-first development
- Continuous delivery

Thank you!