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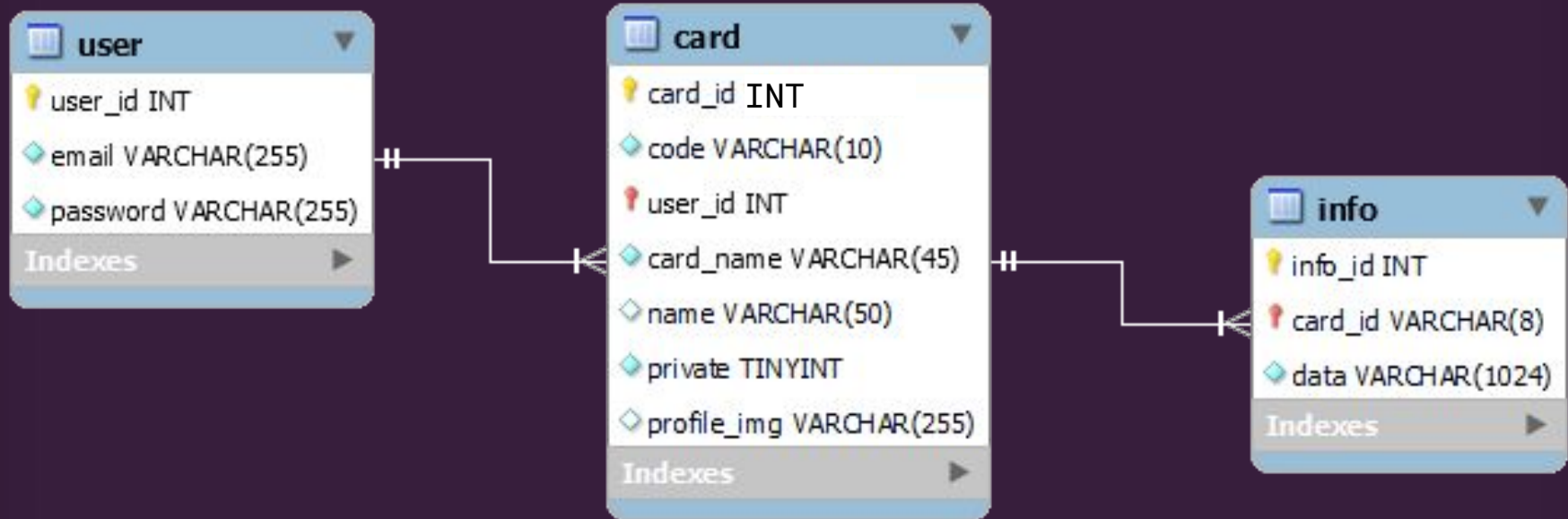


What is Zolink?

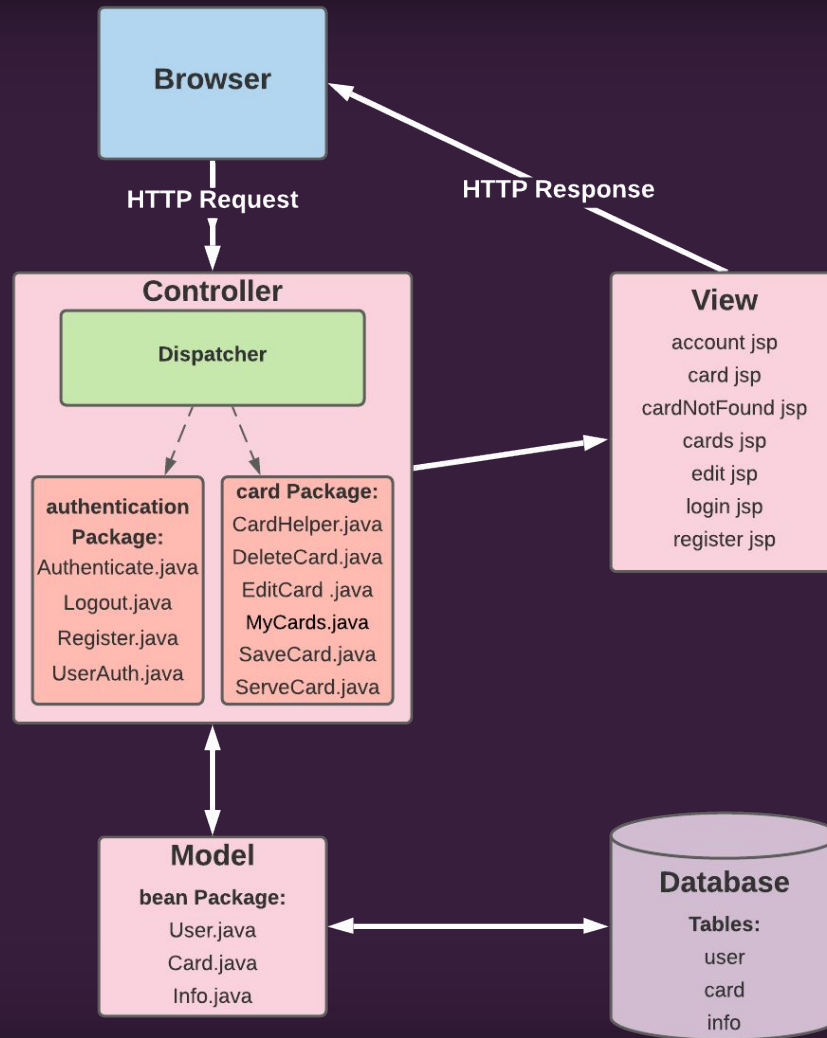
- Digital Contact Cards
- Multiple Personalized Cards
- Unique URL and QR Code
- Potential Users: Anyone!



ER Diagram:



MVC:



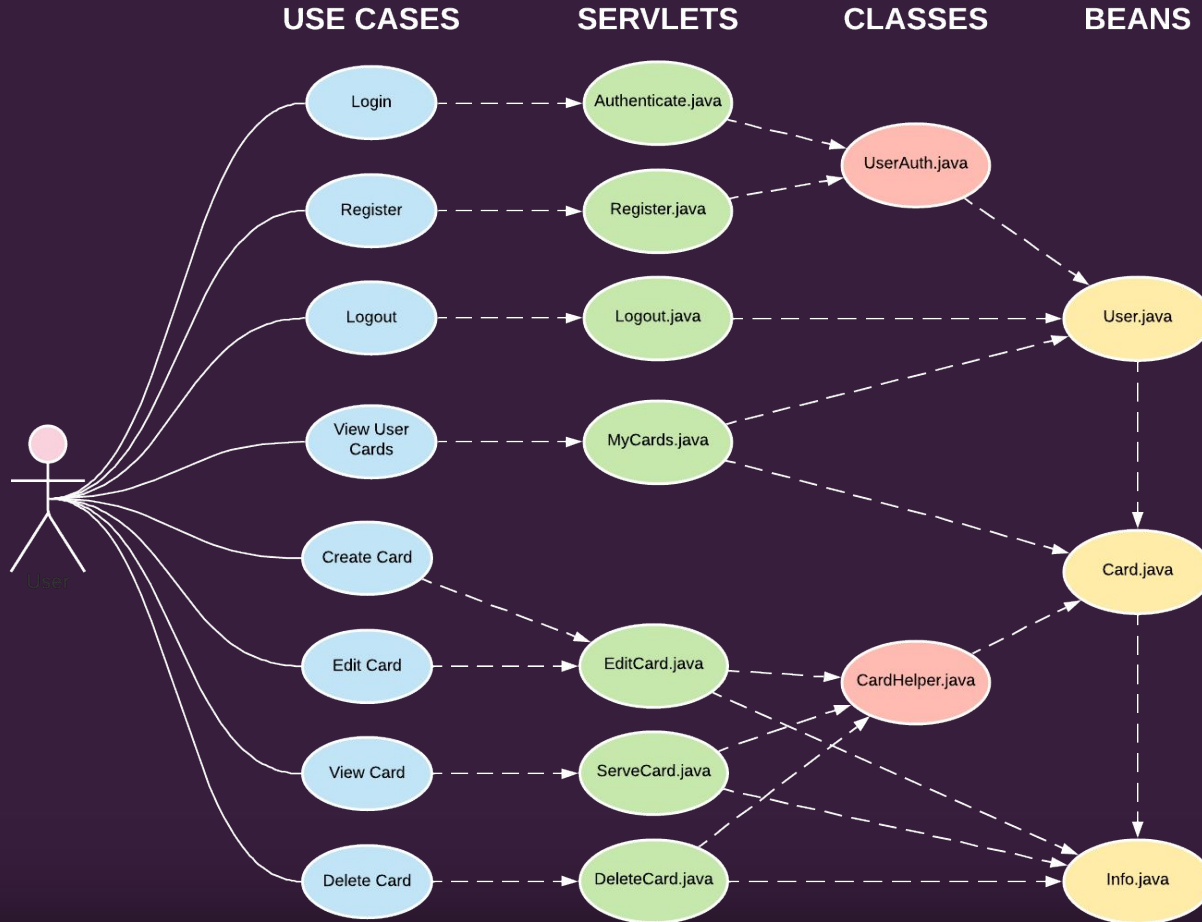


Dispatcher: Java Servlet Filter

- Intercepts Every Request to the Server
- Matches Card Codes to Regex
 - "[a-z]|[A-Z]|[0-9]){4}"
- If Match, Redirect to ServeCard Servlet
- If No Match, Continue Filter Chain

```
<filter>
  <filter-name>Dispatcher</filter-name>
  <filter-class>dispatcher.Dispatcher</filter-class>
</filter>
<filter-mapping>
  <filter-name>Dispatcher</filter-name>
  <url-pattern>/*</url-pattern>
</filter-mapping>
```

Use Case Diagram / Backend Design





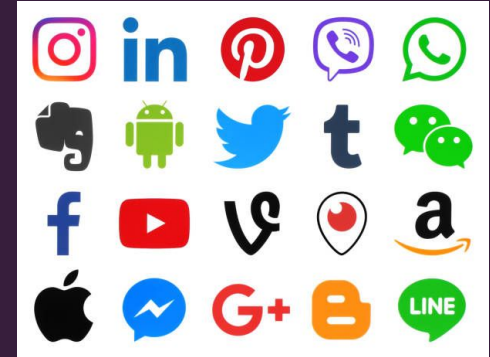
Our Site

- zolink.me
- Redirects to
- <https://weave.cs.nmt.edu/apollo14/zolink/>



Possible Improvements

- Profile Pictures
- Dynamic Info Types
- Improve Home Page
- Private Cards
- Allow User to Add Input Fields in the Middle of the Card
- Mobile Front-End Styling





Questions.