

Team 1 – CSCI 6180

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MVC Design Difficulties Presentation

- **Point #1** – Fitting our project’s Models, Views, and Controllers to one MVC diagram.
- **Point #2** – View and Model do not have any direct communication. Instead, communication is done through the controller. It took time to come to this design because various communication structures were shown in examples online. Finding an example with labeled arrows instead of just solid and dotted lines helped us here.
- **Point #3** – Added “Client” to the diagram to represent the idea that users of the mobile app send requests directly to the controller rather than the view. The view serves pages to the client that it retrieved from the controller upon request from the client.
- **Point #4** – We could have selected Client-Server architecture, (this would have fit our project as well) but overall, a modified MVC architecture did the job. The components of our application nicely fit the MVC architecture.
 - Front-end mobile Flutter app represents most of the Views
 - Database represents most of the Models
 - Python Flask server represents most of the Controllers