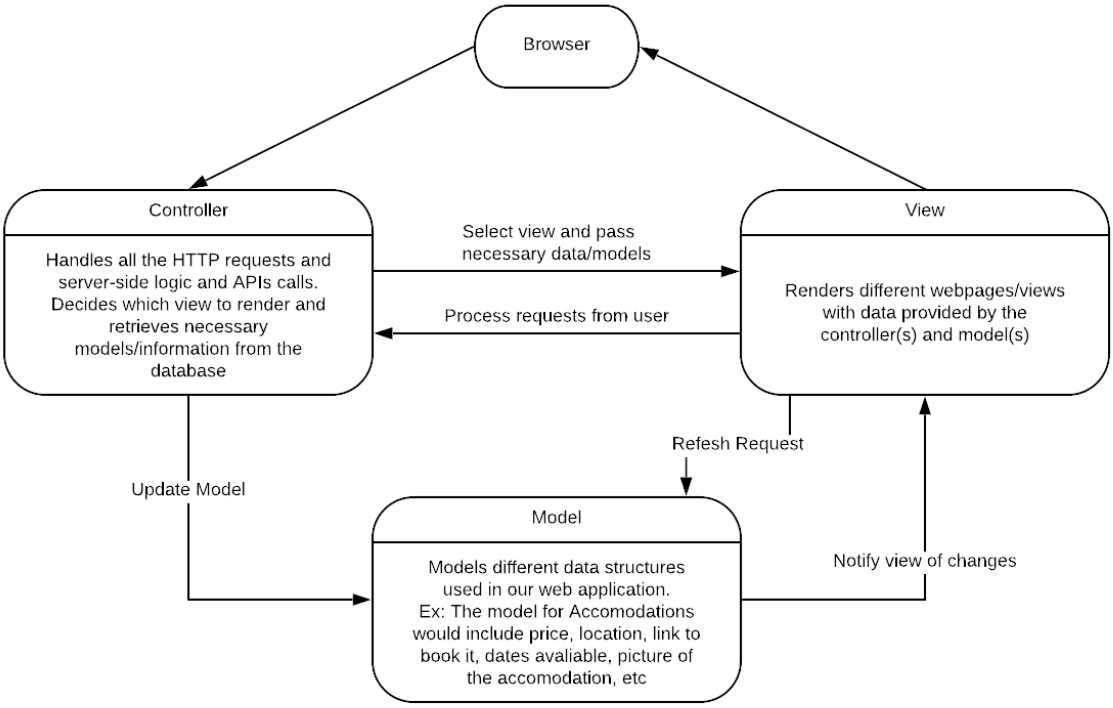
# Budget Travel Architectural Design

Gabriel Flynn | March 13, 2020




We decided on the Model-View-Controller architecture for our budget travel web application as it would make the most sense and it supports more features that would make development easier and more efficient. There are plenty of MVC frameworks available for use in tons of different programming languages. We also have a lot of different data being stored, from the transport(travel), to accommodations, to activities and more. Having the ability to easily separate the data that is stored in each component and the view that the user sees is very important. As this software improves and tries to integrate more and more different options and APIs to help people plan and book their budget travel, it's important for it to be easy to update these different components, which is where the MVC architecture really shines. Changing the views that are rendered, adding more interactions between components and users, and adding more data to our models is very important in a web application that is constantly improving and very important for the Software Development Lifecycle.