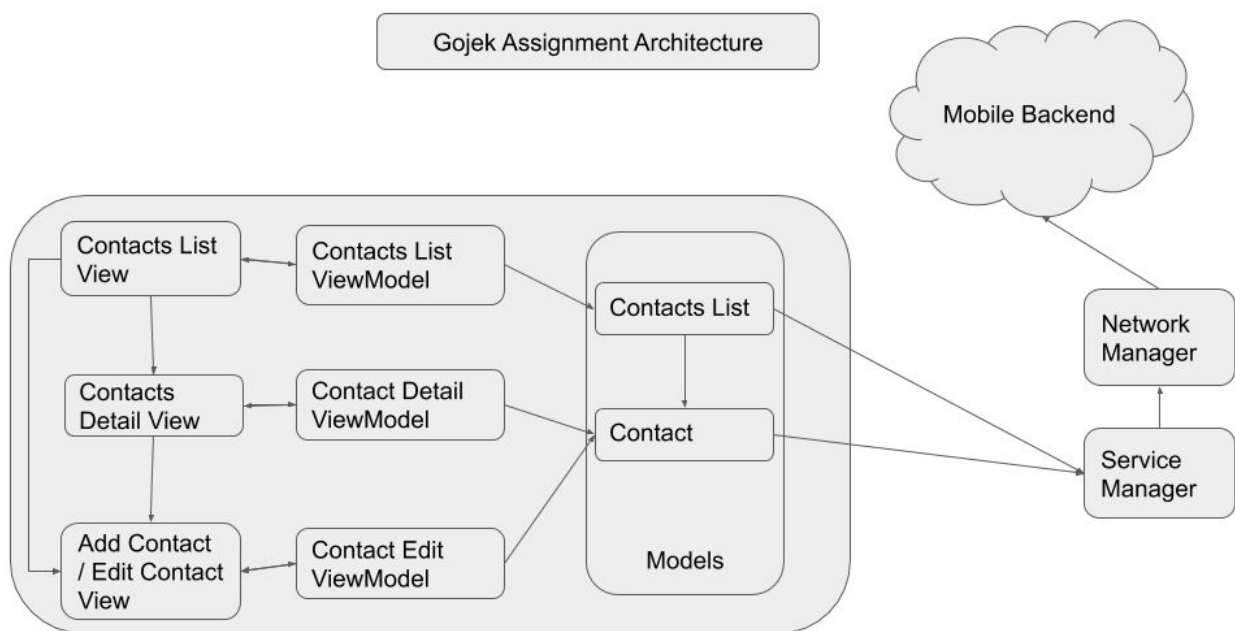


Gojek Assignment

- Followed MVVM design pattern along with to architect this project.
- Architecture of this application as shown as below



1. To display the list of contacts on the first screen, **ContactsListViewController** binded with **ContactsListViewModel** is used.
2. To display the details of contact on second screen **ContactDetailsViewController** binded with **ContactDetailsViewModel** is used.

3. To create a contact new contact (navigated from screen1) or to edit an existing contact (navigated from screen 2) **ContactEditViewController** binded with **ContactEditViewModel** is used.

The binding between a view controller and view model is done using protocols thus facilitating MVVM (Model-View-ViewModel) design pattern.

1. Service Manager is an independent entity that interacts with the backend through Network Manager.

This Service Manager is used an adapter inside models like a wrapper thus facilitating **Facade** architecture.

- Input Validations on data are maintained as below as I observed service failure without them
 - Firstname and Lastname should be of more than 2characters each
 - Phonenumber should be of more than 10digits
 - Email should be a valid standard email.

- Profile pic upload is not implemented as I was unable to find the appropriate service to handle it, however implemented local image capture.