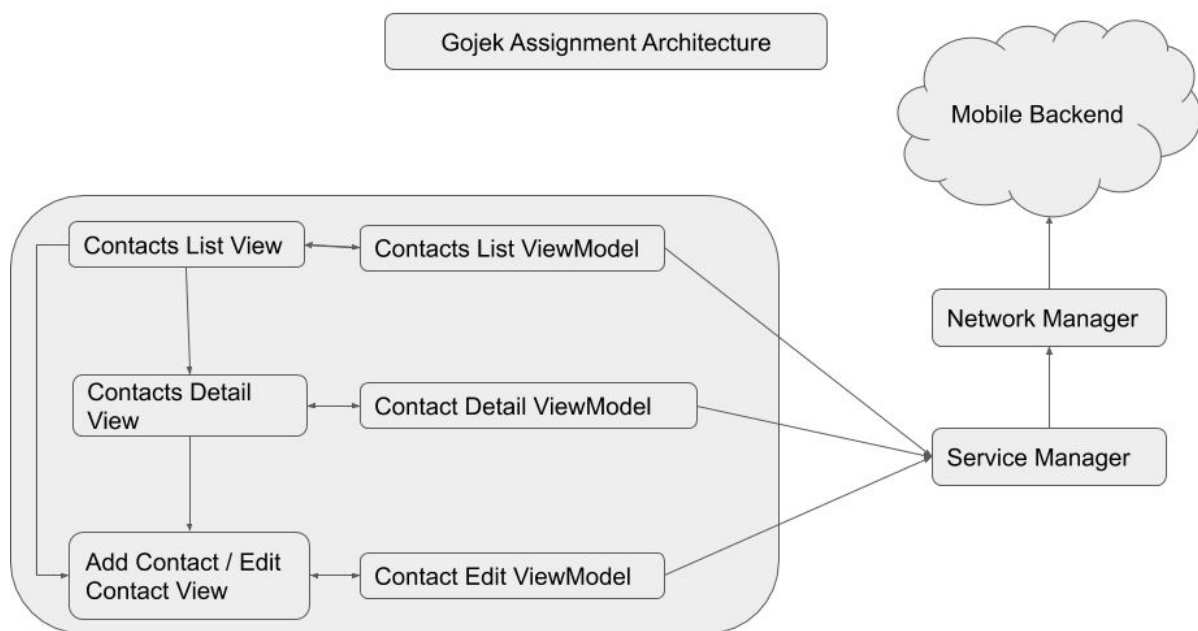


# Gojek Assignment

- Followed MVVM design pattern along with Facade 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 each of those view 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.
- The design constraints like pixel lengths, margins, font sizes, font families and color coordinates are not accurate as the requirement document I received has these design constraints in wireframes (page 6) in very tiny size and not readable.

