

# **ManekTech iOS Practical Test**

Please put together a small iOS application in Swift that shows a list of rockets using the below API.

<https://api.spacexdata.com/v3/launches>

<https://api.spacexdata.com/v3/launches/upcoming>

## **Create a iOS application that**

### **1. Has three tabs**

- List all SpaceX rockets
- List all favourite rockets
- List all upcoming launches

### **2. First tab: SpaceX Rockets**

- List all spaceX rockets
- Each rocket card in the list must have favourite button
- Previous favourite state should be stored (user selected the rocket as favourite or not)
- Each item must have a thumbnail of the rocket (if rocket has images)
- Clicking an item will launch the rocket detail page

### **3. Rocket Detail page - Details of selected Rocket**

- Show information of the rocket
- Show rocket images in a slidable gallery
- Show the clickable favourite button with its previous state (user selected the rocket as favourite or not)

### **4. Second tab: Favourite Rockets**

- List favourite rockets of the user
- Each item must have unfavorite button
- Clicking an item will launch the rocket detail page

### **5. Third tab: Upcoming Launches**

- List upcoming launches

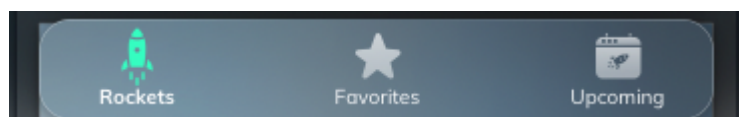
## Bonus (Not compulsory to do)

### 6. The application should know its state when the user pushes it in the background.

For example,

- I opened a rocket details in the "SpaceX Fan" application
- I received a Whatsapp message and opened Whatsapp message
- I then returned to "SpaceX Fan", the state should be the same as when I left "SpaceX Fan".

## Three Tabs



## Detail Page



