**My Puja App Report**

**Name Of Previous Developer:**  Atul Vilas Patare ([atulpatare99@gmail.com](mailto:atulpatare99@gmail.com), +917756097366)

**Credentials:**

1. Email used for Google account: [brandmore.company@gmail.com](mailto:brandmore.company@gmail.com) Password: \_\_\_\_
2. Email used for Razorpay dashboard: [brandmore.company@gmail.com](mailto:brandmore.company@gmail.com) Password: \_\_\_\_\_

**Technologies Used:**

1. Firebase ( Authentication, Realtime Database & Cloud Storage (Profile Image saving))
2. Picasso (Profile Image fetching)
3. RazorPay API : Checkout SDK (Accepting Payment)
4. Google Maps (location acceptance) Check manifest for API keys.

**Database Structure:**

1. Users: Two user types **a. Yajman(Common person), b. Pandit Ji.**

**\*JSON for User object: this will be used only for Yajman**

"users" : {

"firebase\_auth\_uid(user.getUid())" : {

"address" : "",

"city" : "",

"email" : "",

"mobile" : "",

"name" : "",

"profilePic" : "image\_upload\_link",

"userType" : "Yajman" or Pandit Ji

}

**PanditJI has only two attributes: email and userType.**

users" : {

"firebase\_auth\_uid(user.getUid())" : {

"email" : "",

"userType" : "Yajman" or Pandit Ji

}

**2. Pooja: requirements added by Yajman:**

"pooja" : {

"firebase\_auth\_uid" : {

"random\_push\_id" : {

"bid" : "no\_of\_bids",

"date" : "date\_posted",

"details" : "",

"payment" : "status done or not",

"pincode" : "",

"place" : "",

"rid" : "same id as parent for ease of fetching data of booking",

"time" : "",

"title" : "one of the 41pujas mentioned in strings.xml"

}

**3. Pandits: Storing profile data of pandits**

"pandits" : {

"firebase\_auth\_uid" : {

"address" : "",

"city" : "",

"email" :",

"experience" : "”,

"mobile" : "",

"name" : "",

"profilePic" :”",

"rating" : "",

"skills" : "26,2,5,6,20,0" //index of puja mention in strings.xml

}

**4 . Bookings: Storing all the bids of Pandit Ji on certain puja**

"booking" : {

"puja\_random\_id" : {

"pandit\_uid\_firebase\_auth" : {

"alloc" : "f", //status if pandit ji booked

"fees" : "3300" //fees with commission

}

}

**5. Chats : communication between pandit ji and yajman**

"chats" : {

"Yajman\_auth\_id + Pandit JI \_auth\_id" : {

"20190219203306" : { //date and time: yyyyMMddhhMMss

"message" : "Hi, let's get to details",

"receiver" : "firebase\_auth\_id"

},

**File Structure (Java Activities):**

1. Packages:
   1. Common: similar activities
      1. Chats //chat list of users
      2. Chat Messages //messages
      3. ContactUs
   2. Models
      1. Message //message and receiver
      2. Pandit //pandit details
      3. Pooja //puja details
      4. UserPerson //yajman details
   3. Pandit
      1. Pandit home page
      2. Profile Page
      3. Search Pooja List // contains skill matching methods
      4. Selected Pooja // one selected from list and bid is performed
   4. User
      1. Add Puja // add the requirements
      2. Home page
      3. Pandit List //nids of pandits
      4. Payment Result // payment api calls
      5. Pooja list // all the poojas of the user
      6. Profile
      7. Selected Pandit //details of the most favourable pandit
      8. Selected Pooja //details of the current pooja
   5. Utils // all the adapters
      1. chatList //for chats
      2. Map //for location
      3. Message List //for messages sent and received
      4. PanditList //for users’ bids list
      5. Pooja List //common adapter for both user and pandit
      6. Skill Adapter //for pandit ji profile
      7. Validation input //validator for edittext fields
   6. Login Activity //firebase auth and usertype checking // also has password reset method
   7. Registration //create firebase user, email verification link sending
   8. Splash

**Notes**:

1. Before changing themes make sure to check styles.xml , two themes are declared for each user.
2. Make sure not to change Firebase Listeners, it will create conflicts and can create null data.
3. Firebase UI is not used, need to make some changes if used
4. **Firebase rules are in test mode.**
5. Razor Pay account is not yet verified with bank details.
6. Enable Firebase offline support. In Splash or somewhere else.

**ToDo**:

1. UI change HomePage, needs bottom navigator
2. Payouts for Pandit Ji from Admin app.
3. Admin app containing: access to users and handling their activities
4. Checking profits and other requirements will be explained.