**PSUDO CODE OF APP-MAKER**

* In APP-MAKER, User can create their own mobile application. For creating the mobile application user has to signUp in our application.
* User has to first Register him-self to our application then one can create own mobile application.
* **APP-MAKER**

1. **Controller** : Controller can control the flow of application

All the requert first come in base controller after identifying what is to be accessed base controller send request to other controller. For Example if the request is to upload file then base controller fowards request to the file controller.

1 Base Controller

2 FileUpload Controller

3 Account Controller

4 Admin Controller

5 Live View Controller

6 User Controller

7 App Builder Controller

8 Home Controller

1. **Services** : Services contain all the functionality which we provide to user

After the request base controller forward to their specific controller then controller identifies which request is there and accorndingly it will redirect to its service

1 FileUpload Service

2 App Builder Service

3 Application Service

4 User Service

5 User Security Service

1. **Model** :

1 Address

2 Application

3 Platform

4 Server Platform

5 Template

1. **Filter** :

1 Local Filter

1. **Properties File** :

*Properties* are configuration values managed as *key/value pairs*. In each pair, the key and value are both string values. The key identifies, and is used to retrieve, the value, much as a variable name is used to retrieve the variable's value

Appmaker.properties

Database.properties

Velocity.properties

UserManager.properties ApplicationResource.properties

**VI. Web-App** : common jsp pages are included in it.

1 Menu.jsp

2 Header.jsp

-> Default Pages Of Admin

Dashboard.jsp

ManageFeature.jsp

ManagePlatform.jsp

ManagePricingPlan.jsp

` UserReport.jsp

-> Default Pages Of User

AboutUs.jsp

Feature.jsp

Gallery.jsp

index.jsp

PricingPlan.jsp

**VII. WEB-INF** :

This WEB-INF is used to mapping of servlet with the url. web.xml is store this servlet mapping.

**VIII. DAO** : Data Access Object is used to access the data from database

DAO of all the table which is stored in database so we can access the data through the object.

DAO helps to find the data from database by using Object.

* DAO's of database

UserDAO

CategoryDAO

TemplateDAO

PageTemplateDAO

AppCreatedDataDAO

AppBuildDAO

AppPublishDAO

PlanDAO

UserPlanDAO

BuildServerDAO

ServerPlatformDAO

OfferDAO

AppPagesDAO

MarketPlaceDAO

PriceDAO

PaymentMethodDAO

PaymentGatewayDAO

**IX. VO** : Value Object is used with DAO to create the object.

All the tale in database has their own VO.

By using the VO we can easily apply CRUD functionality on database.

VO's are :

UserVO

CategoryVO

TemplateVO

PageTemplateVO

AppCreatedDataVO

AppBuildVO

AppPublishVO

PlanVO

UserPlanVO

BuildServerVO

ServerPlatformVO

OfferVO

AppPagesVO

MarketPlaceVO

PriceVO

PaymentMethodVO

PaymentGatewayVO

* The first Page any user can see is the index.jsp page, In this page we provide the information like:
* Home :

In this section user can see the home screen of App-Maker. On image we store at this section. From that image user can predict how his mobile application look like.

* AboutUs :

In this section which is called as aboutUs , it contain the information about us means about APP-Maker. So all the functionality provided by us is mentioned here.

* Feature :

In this section we provide the features of APP-Maker. It contain all the feature with the filpping it means that the photo of feature at one side and another side it has the feature description.

* App-Gallery :

This section include the Mobile-Application which was created by a user.

* Pricing Plan :

This is a last section of first page. It is pricing plan, in this section the user can BUY the plan which is mentioned by us. There are three plans :

1. Free Plan
2. Starter Plan
3. premium Plan

* We are creating jsp pages for the designing purpose. If a user is visitorUser then he can see the first page of our application.
* If a user is newUser means that nonRegisterUser then he has to register himself then he will be able to create the mobile application.
* If a user is RegisterUser then he has to loggedIn then he will create his own application.
* While login we provide validation, If user enter wrong emailId then he get the alert box with message Enter the proper EmailId. If a userName is already exist then also get error with message UserName is already exist. If a user Registered without enter any field then he will get the alert messages to fill the data.
* If a user is already RegisterUser then he has to logIn with provided EmailId and Password. If the emailId or password was not correct then he get the message Invalid EmailId or Password. And if a user forgot his password then we give him password.
* After proper LoggedIn and Registration user will redirect to another page called as **USER HOME PAGE** .
* In this page user find the **CreateApp**  and find the dropdown with MY-PROFILE & LOGOUT.
* If user select LOG-OUT then he will redirect to our first page called as the index.jsp page.
* And If a user choose the MYPROFILE then he found the form with the detail. He has to fill those details.
* If a user click on the **Create-APP** then he will redirect to anther page called create-app page.
* **CREATE-APP PAGE**
* In this page user has to fill the mobile application **NAME**  then in another tab user has to choose the layout.
* There are three layouts :

1. **Grid Layout**
2. **List Layout**
3. **Slide Layout**

* **APP-PAGE**
* This page arrives after selecting Layout and enters the application name. In this page user can **ADD-PAGES** according to convenient .
* While entering the detail user can choose own logo and type description that reflect to mobile.
* After adding the APP-PAGES , user can click on BUILD APK then APK will be downloaded with APP-NAME which is user entered as APP-NAME.

**Application dashboard:**

It is the dashboard for thr user who has created application.

1. Here he can find various option for Editing created application
2. Promote their app via social media(Promote.jsp)
3. Publish the application on the Play Store/App Store.(Apppublish.jsp)
4. Generating Qrcode for the created app.(included in manage,jsp)
5. View Analytical report of the user App ie number of apps download.(Analytics.jsp)
6. If the app is publish user can send push notification to their customer(pushNotification.jsp)
7. Sharin of application on social media

**Admin**

Admin handles all the activity of the user from log in to log out.

Admin Authenticate the user if the user is authenticated then and then only user is allow to create applish

* Admin login with its id and password and the admin home open where he can see various activity of the user

**Controller**:

There is Admin Controller which gives access to the Admin home page or any other admin page is requested. It acts as a controller which controls all the activity

**Dashboard**:

Admin Dashboard has many option for manging the user or editing or deletion of any record

They are 1.setup 2.plan and gateway setting 3.Reports 4 App-builder

Furtherly setup divided into two parts ie managing platform and managing feature

Plan and gateway setting include managing plan and managing payment gateway.

Reports are divided into differ types of report and app builder includes managing templates

**Web-App**

Admindefault.jsp – In this jsp file all the default pages that have access to the admin home

Admin.jsp – It is the Admin home From where Admin can handles all the Activities of User

Manage features.jsp- Here admin will manage the features he can add new feature ,edit existing feature and delete the features

Manage Plans.jsp- Here admin will manage the pricingPlan he can add new plan with its description ,edit existing plan and delete the plan.

Manage platform.jsp- Here admin will manage the platform and server he can add new server with its platform ,edit existing server and delete the server.

ManagepaymentGateway.jsp- Here admin will manage the paymentGateway he can add new PaymentGateway by default it is paypal ,edit default payment method.

**Reports**

Admin Generate different reports they are user report, Apps report, User wise app report and payment wise report.

**User report.jsp**:- it include report as per user it display which app is recently install and on which platform

**Appreport.jsp**:- It shows the user apps report it shows which app is installed by user and it is platform specific

**UserWiseAppReport.jsp**:- Display specific to user on which platform user has made application

**PaymentGatewayReport.jsp**:- Displays the user who has purchased the plan and their strating and their ending date

**Charts**

Admin also charts for the percentage of app installed on which platform Android/Ios

It Also shows tables for recently publish application, recently newely register user ,recently plancheckouts, created application and application by platform