

Technical Specification Document

NIUA Project



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# Introduction

This document is a technical document for NIUA Project(Assessment module) to understand the backend. It provides guidance which is intended to assist the technical Manager, Developer or Technical Person, in producing a project‑specific technical document. It is also useful background reading for anyone involved in developing or monitoring the Assessment module Portal.

# PHP Framework (CI Architecture)

We are Using CodeIgniter (Php Framework) as a programming language for socialsportz.com

A close up of a logo

Description automatically generated

CodeIgniter is an MVC Framework. MVC Stands for Model, View, and Controller. Below are the modules in MVC framework:

**Model (**Model used for database communication)

* Model work as back-end.
* Model deals with back-end operations.
* Fetch data from database and send to the controller

**Views (**HTML view that is visible to the User(frontend))

* View work as front-end.
* View deals with fronted operations.
* Display data and capture user action
* Send user action to the controller

**Controllers (**Where we implement Business logics)  
Controller works as intermediator between model and view.

# Server Configuration

1. PHP (version 8.2)
2. PostgreSQL (version 16.1)
3. OS – AWS
4. Apache (version 2.4.57)
5. CodeIgniter (version 4)

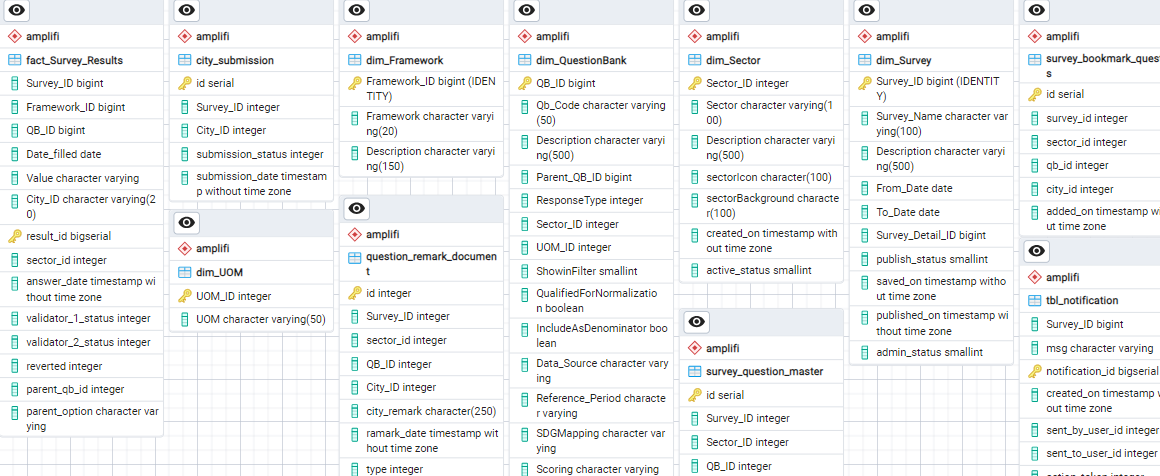
# Architecture

A diagram of a computer server

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# Database Diagram

1. Super Admin

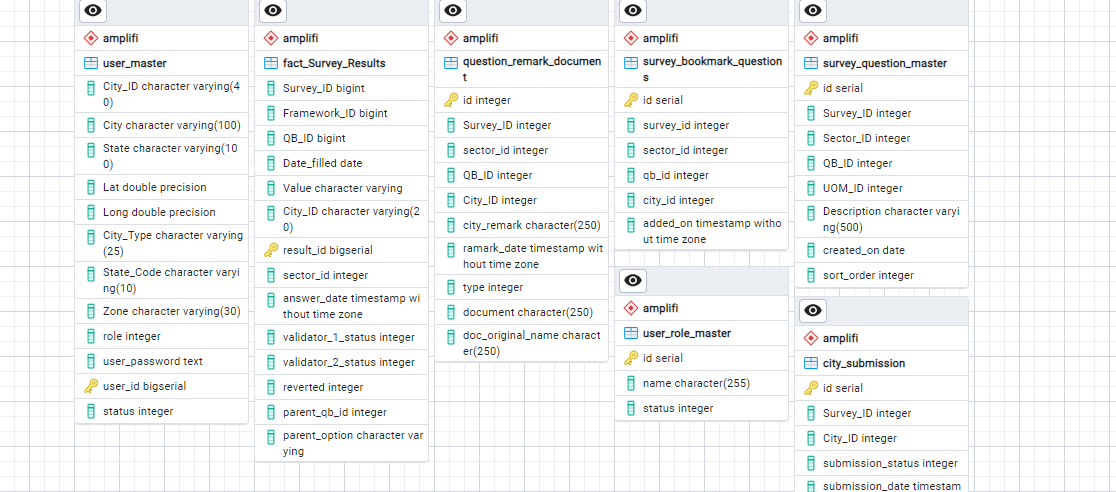


1. Admin

A screenshot of a computer

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1. City Official



1. Validator 1 / Validator 2

A screenshot of a computer

Description automatically generated

# File Structure

Here we are listing the path of file and directory

1. **Registration / Login / Logout**
   1. **Directory*:***
   2. **Path:**
2. **User Module**
   1. **User Dashboard** 
      1. **Directory***:* Public\_html->application->controllers-> dashboard.php
      2. **Path:** [<ROOT-DIRECTORY>/dashboard](https://vibestest.com/wip_projects/development/socialsportz/dashboard)
   2. **Admin Login**
      1. **Directory***:* Public\_html->application->controllers->admin->user.php
      2. **Path:** [<ROOT-DIRECTORY>/admin](https://vibestest.com/wip_projects/development/socialsportz/admin)
   3. **Dashboard**
      1. **Directory***:* Public\_html->application->controllers->admin->user.php
      2. **Path:**[<ROOT-DIRECTORY>/admin/user/dashboard](https://vibestest.com/wip_projects/development/socialsportz/admin/user/dashboard)
   4. **Admin User**
      1. **Directory***:* Public\_html->application->controllers->admin->user.php
      2. **Path:**[<ROOT-DIRECTORY>/admin/user/admin\_list](https://vibestest.com/wip_projects/development/socialsportz/admin/user/admin_list)
   5. **User**
      1. **Directory***:* Public\_html->application->controllers->admin->user.php
      2. **Path:**[<ROOT-DIRECTORY>/admin/user/userlist](https://vibestest.com/wip_projects/development/socialsportz/admin/user/userlist)

**Note:** There are some intermediate file which work as a supporting file, these are not listed. Those can be finding from given files.

1. **API’s –** API’s for integration with mobile
   1. **Facility** 
      1. Directory*:* Public\_html->application->controllers-> api->facility.php
         1. **Fn(facility\_profile) –** This Api is used for profiling of facility.
         2. **Fn(delete\_facility) –** This is used for deleting facility at the time of facility profiling
         3. **Fn(sports\_step\_3) –** This is used for add / edit sports of facility
         4. **Fn(facility\_step\_4) –** This is used for add / Edit amenities.
         5. **Fn(facility\_academy\_listing) –** This is used for listing of all facility and academy
         6. **Fn(master\_amenities\_list) –** This gives all master amenities added by admin
         7. **Fn(master\_sport\_list) –** This gives all master sports added by admin
         8. **Fn(reward\_achievement\_list) -** This gives all master reward achivement added by admin
         9. **Fn(fac\_sport\_listing) –** This gives facility sports listing added by facility owner
         10. **Fn(profile\_summary\_update) –** This is used for updating profile of facility owner
         11. **Fn(profile\_academy\_update) -** This is used for updating facility academy
         12. **Fn(achievements\_details\_update) –** This is used for updating achievement detal added by facility owner
         13. **Fn(profile\_amenity\_edit) –** This is used for updating amenities of user
         14. **Fn(fac\_timing\_edit) –** This is used for editing the timing of facility / Academy
         15. **Fn(add\_edit\_achievements) –** This is used for editing achievement of facility.
         16. **Fn(facility\_reward\_achievement)-** This is the listing of facility reverds
         17. **Fn(master\_batch\_package\_list) –** This gives the master list of packages added by admin (ie – monthly, Quarterly)
         18. **Fn(master\_batch\_slot\_type\_list) –** This gives the master list of slot type added by admin (ie – premium)
         19. **Fn(add\_edit\_slot) –** This is used for add / edit slot of facility
         20. **Fn(add\_edit\_batch) -** This is used for add / edit batch of facility
         21. **Fn(batch\_slot\_listing) –** This gives the listing of batch and slot of facility
         22. **Fn(add\_edit\_facility\_gallery)-** This is used for add / edit gallery of facility / academy
         23. **Fn(gallery\_listing) –** This gives the listing of facility / academy gallery
         24. **Fn(add\_edit\_event) –** This is used for add / edit event of facility
         25. **Fn(event\_listing) –** This gives the listing of events of a facility
         26. **Fn(booking\_listing) –** This gives the listing of booking of a facility/ academy
         27. **Fn(review\_listing) –** This gives the listing of review of a facility/ academy
         28. **Fn(enquiries\_listing) –** This gives the listing of enquiry of user to facility/ academy
         29. **Fn(notification\_listing) –** This is used for showing notification listing to facility owner that comes from the user end
         30. **Fn(email\_notification\_listing) –** This is used for showing notification listing to facility owner that comes from the admin end
         31. **Fn(available\_slots)-** This gives the available slot for offline booking
         32. **Fn(user\_details) –** This gives the user detail of user at the time of offline booking by using user’s mobile no
         33. **Fn(offline\_booking\_checkout) –** This is used for offline checkout (offline booking of slot or batch)
         34. **Fn(availability\_count\_of\_month) –** This returns the count of slot / batch and bookings for showing data on calendar
         35. **Fn(slot\_batch\_detail) –** This gives the detail of slot batch
         36. **Fn(userbookingdetail) –** This gives detail of user’s that booked the slot / batch
         37. **Fn(email\_verification) –** This is used for verification of facility email
   2. **User**
      1. Directory*:* Public\_html->application->controllers-> api->user.php
         1. **Fn(user\_login)** - This is used for user(player) login
         2. **Fn(user\_registration)** - This is used for user signup(player) login
         3. **Fn(mobile\_verification) –** This is used for the verification of user mobile.
         4. **Fn(change\_password) –** This is used for the change of password by the user
         5. **Fn(forgot\_password) –** This is used for the reset password if user forgot their password
         6. **Fn(existing\_user) –** This is used for those users who is trying to signup with existing mobile no and email id
         7. **Fn(dashboard\_Detail) –** This gives the data of dashboard for user