

Breakdown of the system

Backend

As per requirement PHP & its framework *CodeIgniter* is used as backbone of the system.

Design pattern MVC is followed

Events controller is used to perform multiple functions

Such as fetch events details which is being shown at home page.

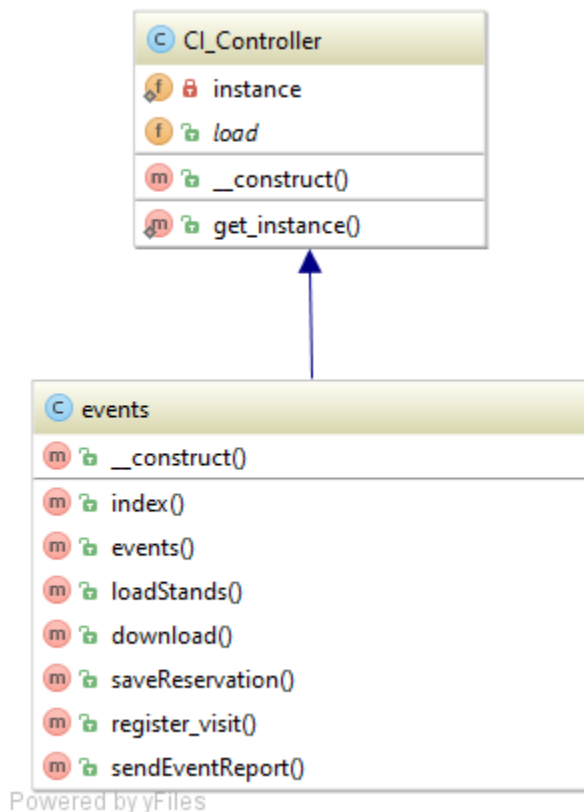
Load stands details (dimensions,price,free/available company...).

Being used to download company documents.

To save stand reservation including company registration along their marketing documents.

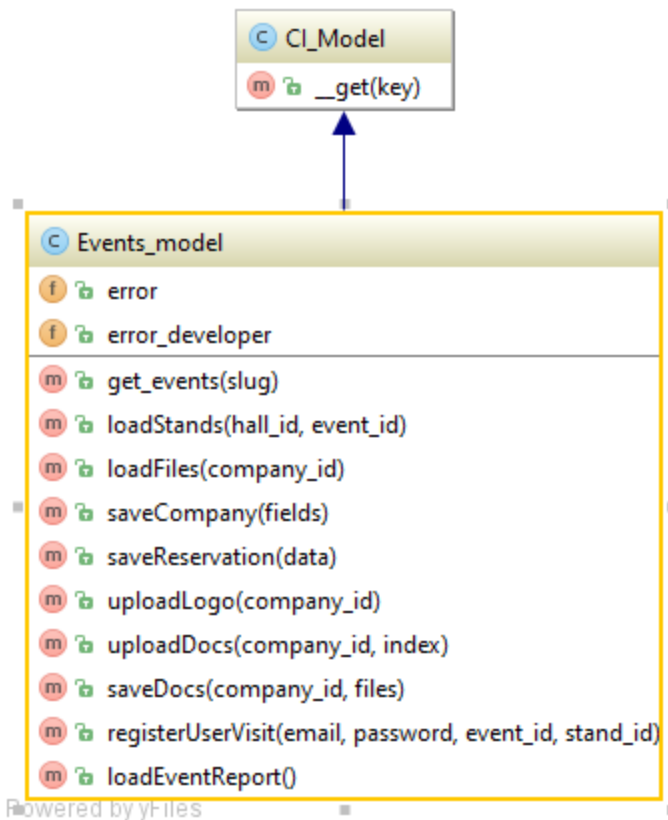
To keep track of users visit to stand

To generate report about the users who visited company stand on the event after it is over



Event Model

Event model is being used with event controller back to back. Providing data access to controller for its all functions



Front End

As per requirement front end framework AngularJs ver 1.6.2 is being used.

Angular app name is 'evnts' & available at assets/js/events/module.evnts.js

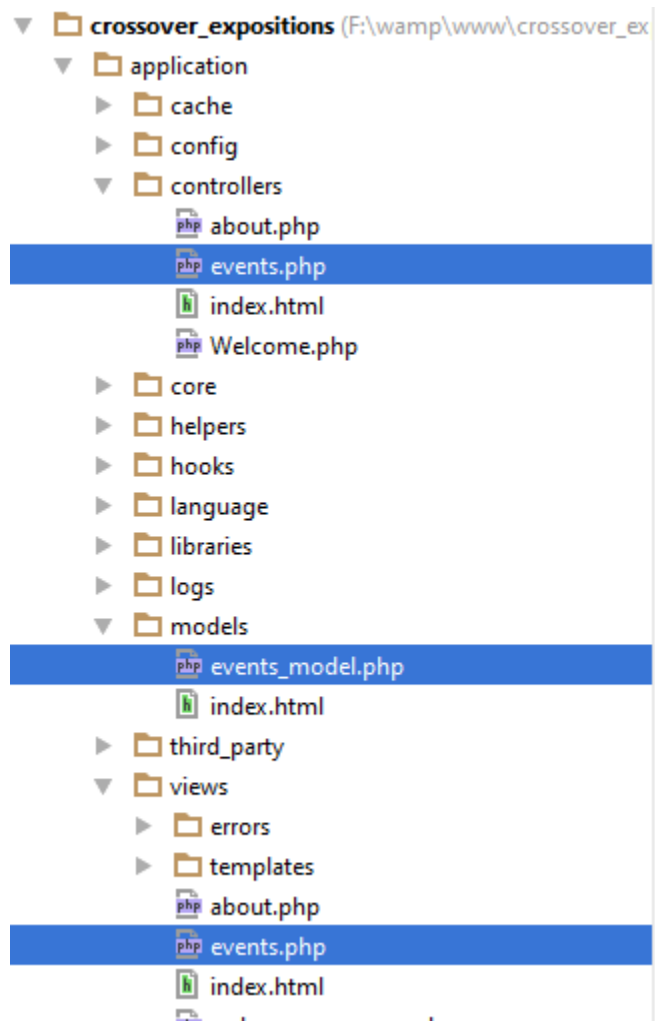
Two directive fileUpload & filesUpload are created to upload company logo & multiple marketing documents.

Controller named 'evntsController' handling all front end navigation & operations such as

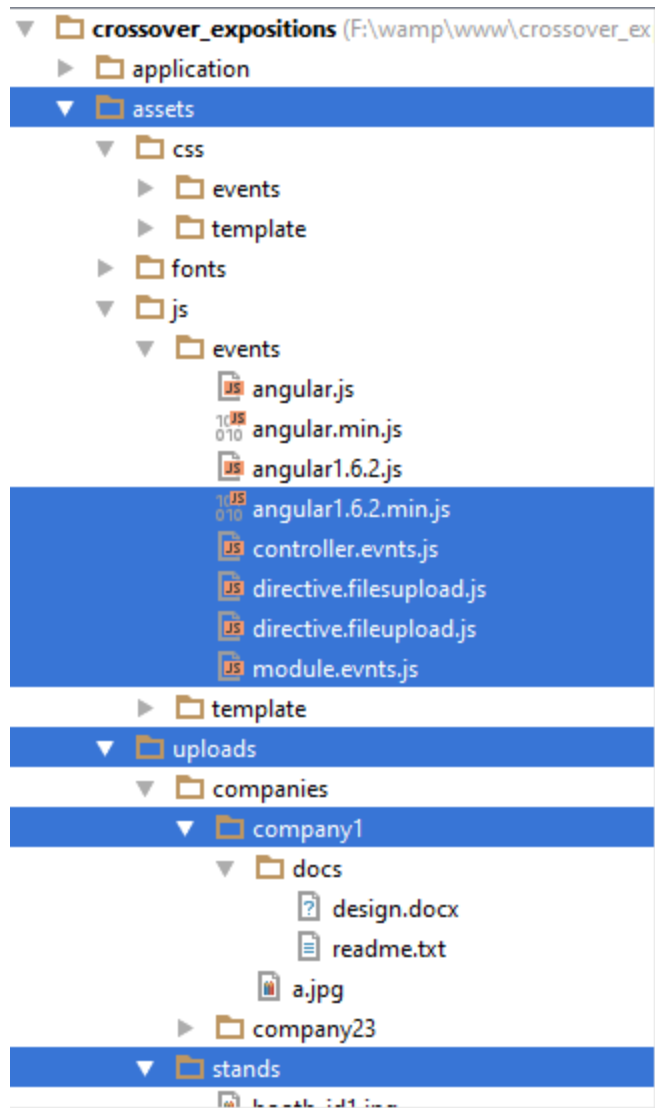
load data from server by consuming angular data service including events details, stand details. Stand Reservation feature, uploading company information such as logo & documents. Individual stand detail view in popup, feature by which user can visit stand. Which stand need to be marked as free or reserved. & so on...

Directory Structure


MVC





Assest & Upload directory




ER Diagram

events
 event_id: int UNSIGNED name: varchar(255) address: varchar(255) date_from: datetime date_to: datetime hall_id: int gps_coordinates: varchar(255) deleted: tinyint report_sent: tinyint

stands
 stand_id: int UNSIGNED name: varchar(255) dimensions: varchar(255) price: decimal(10, 0) hall_id: int deleted: tinyint stand_image: varchar(255)

hall
 hall_id: int UNSIGNED name: varchar(255) deleted: tinyint

company
 company_id: int UNSIGNED company_name: varchar(255) email: varchar(255) phone: varchar(255) admin_email: varchar(255) logo: varchar(255) deleted: tinyint

stands_reservations
stand_id: int company_id: int event_id: int date_from: datetime date_to: datetime  reservation_id: int UNSIGNED

files
 file_id: int UNSIGNED file_name: varchar(255) company_id: int

user_visits
user_id: int stand_id: int event_id: int datetime: timesta... company_id: int

users
 user_id: int UNSIGNED name: varchar(255) email: varchar(255) password: varchar(255) deleted: tinyint