**Workshop 2 Part 1**

Exercise One - Core

Consider a request by a user to perform a search for events by a particular club between particular dates. Answer the following questions

• What sort of information flows from user (in the form of a HTTP request) to the controller?

Answer:

The information in the HTTP request includes the particular club name and specific dates that user wants to search.

• What kind of functionality might reside in the controller? What kinds of models might the

controller interact with?

Answer:

The controller first verifies the request. If the request is valid, controller performs some kind of searching function request the data from database and return to user in the form of showing another webpage or updating the current page. In this case, controller might interact with Event or Club models.

• What might the view look like that is displayed back to the user by the controller?

Answer:

In the view, it shows all events that satisfied with user’s query in a list view or table view or any another proper style.

**Workshop 2 Part 2**

Exercise Seven - Core

Define a list of access control protocols for your application. You should consider three general classes of users, the owner of the resource, the owner of the parent resource (if applicable), other logged in users and non logged in users. You should then create a table showing what actions each group is allowed to perform for each given resource (posts, comments, user accounts).

Answer:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Owners of the post | Owners of the comment but not the owner of the post | Other logged in users | Other non logged in users |
| Create new posts | Y | Y | Y | N |
| Create new comments | Y | Y | Y | N |
| Show all the posts | Y | Y | Y | Y |
| Show all comments | Y | Y | Y | N |
| Edit posts | Y | N | N | N |
| Edit comments posted by himself/herself | Y | Y | N | N |
| Destroy posts | Y | N | N | N |
| Delete comments posted by himself/herself | Y | Y | N | N |