Revised Individual Task Assignment- Iteration 2

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1. **Create controller test cases for following controller classes – 2 days**
    1.1. User controller class
    1.2. Comment controller class

    Task Description:
    i. This task is to create user and comment controller test cases for the project.
    ii. Test the controller test cases.

    How to evaluate:
    i. The test cases for controller classes are completed within the timeframe promised.
    ii. The test cases are written in accordance with standards followed in class.
    iii. The test cases should cover all the scenarios.

    Expected outcome of the task:
    Created controller test cases for user and comment and ran the test cases with *rake test* successfully. All the test and assertions ran successfully without any error.

2. **Design and implement the search feature for events based on keywords, event title, foods and location – 3 days**

    Task Description:
    i. In this task, I will design a new search page to show the results of events found after the search.
    ii. I will implement this feature so that when user search for anything on homepage, it will go to the search page and show the result based on keywords, event title, foods and location.

    How to evaluate:
    i. The new search page should be displaying all the events matching the respective keywords, event title, foods and location

    Expected outcome of the task:
    Created new event controller task *search* for searching for the events based on title, keywords, location and food. Wrote self-functions in event model for the easy data exchange. The search parameter will be passed from the home page and will redirected to search view page with the result. Also added search summary for each type of search to indicate how many matches found based on the search.

3. **Arrange the total events into different pages if there are many events present and link it to the Home page - 3 days**

    Task Description:
    i. In this task, I will design and implement pagination feature to show the events on home page such that if there are many events, they will be shown on different pages.

How to evaluate:

i. The home page will show different pages of current events if the number of events exceed certain limit.

Expected outcome of the task:

With the help of *will_paginate gem*, I created pagination with events, where it will only search active and valid events and return to the view with pagination, Pagination took care of the overcrowding of the event on one page. It added previous and next page link and number of pages to directly jump onto particular page. Also redesigned the home page, to display the events in beautiful way with all the necessary information.

4. **Improve the design of the pages I have designed in the iteration 1 and iteration 2 - 3 days**

Task Description:

ii. In this task, I will improve the design for the pages which I have designed in iteration 1 and iteration 2

How to evaluate:

ii. The pages should look well organized and more user friendly.

Expected outcome of the task:

i. Redesigned all the pages I created in iteration 1 and iteration 2 with bootstrap.

ii. Added intensive code to home page for complete new design, also improved the way each events displays.

iii. Added image, title, description with date and time for each event in very compact way.

iv. Improved design on sign in page and added fancy sign up button user can't miss

v. Added layout in the application view so that all the pages will get nice navigation to home, to sign out and to search the event.

vi. Created new search page with user friendly UI with search summary

Unexpected tasks:

1. **Home page**: the links to the other features were scattered, I created nice menu on the left including all the features in one place.
   How to evaluate: The look and user friendliness of the menu.
   Outcome: The menu looks simple and very user-friendly

2. **Search page**: It was flooded with all search results, I worked on the segregation of the events by its title, keywords, location and food. Also added pagination to search page for better view.
   How to evaluate: The search page should be user friendly and should display the search summary
   Outcome: The sophisticated design of search page gives the ability to differentiate all the users and pagination helps in clutter. Also implemented search summary for each type.

3. **Event Display**: It was challenging to display all of the events information in very compact and beautiful way.
   How to evaluate: The events should be displayed in nice compact way.
   Outcome: I created the event container, with all the information, appended to description. Fixed the date and time formatting issue by displaying them with proper formatting.