

Individual task plan for iteration 1

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Task Description:

1. **Create class model:**
 - a. Create the model classes: Person, Food, Attended_Event
2. **Feed the dummy data for the model classes**
 - a. Fill the seed data for the model classes
3. **Specify the validation for each model class**
 - a. Person should contain a FirstName, LastName to be displayed in the specific webpage. Both of them are strings. Person should also contain an EmailAddress to be used in the login process which cannot be empty. Should check the uniqueness of the EmailAddress.
 - b. Food should contain the FoodName which should be a string which cannot be empty.
 - c. Attended_Event contains user_id and Event_id. Which should be added automatically after use clicked attend button on the webpage.
4. **Create the association between (User – Login, User – Comment, Event - Keywords)**
 - a. Create the association between User and Person which should be 1 – 1;
 - b. Create the association between User and Comment which should be 1 – n;
 - c. Create the association between Event and Keywords which should be n – n;
5. **Design the structural component for Registration Page, History Page, Filter Event Page.**
 - a. The pages mentioned above should include the basic design property which should also be functional and user-friendly.
6. **Features:**
 - a. Sort the event: user can sort the event with the time
 - b. Registration: the user's data should be saved in Person as well as User table after user clicked table.

Task Evaluation:

Suggestions about how to evaluate the quality:

1. Verify the attributes in the specific model and test on the validation.
2. Verify if the seed data covers certain cases which should be in various condition.
3. Verify if the test cases covers certain amount of conditions and check the correctness.
4. Verify the associations between certain models according to the class diagram.
5. Verify the registration part in sign up page
6. Verify the correctness of sorting.

Note: We have specify the extended functions in 2nd iteration and 3rd iteration. There might be slightly different in the interface. However, the basic functionality won't be modified.