

# Individual task plan for iteration 1

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## Task Description:

1. **Create class model:**
  - a. Create the model classes: User, Food
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. User should contain a FirstName, LastName to be displayed in the specific webpage. Both of them are strings. User 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.
4. **Create the association between (User – Login, User – Comment, Event - Keywords)**
  - a. Create the association between User and Login 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. View the event: the users' comment and score should be displayed along with the event.
  - b. Sort the event: user can sort the event with the time

## 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 correctness of the result in History Page and Filter Event Page.
6. Verify the correctness of sorting.

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