**Discussion**

We went over the requirements thoroughly and discussed possible solution and implementation in detail.

**Main page**

Basic functions like showing climate service information are previous done.

We added web service’s rating and popularity to the main page to help the user deciding interesting web service.

**Web Service Discovery**

Based on the best practice of web service discovery, we provide the following function:

Keyword searching: search both the name and description of web service.

Result: Only list the top 3 matching results.

**Climate Web Service Version Control**

There are two possible ways of displaying version control:

Solution 1: display all different version of same web services on the main page separately.

Solution 2: Upon click on the web service, show different versions.

Both solutions would work for the current database, considering there are only 12 web services. However, for the sake of user friendly, solution 2 would be a better way of presenting the results.

**Evaluation**

Common used 5-star rating is used for evaluation. Rating API considered version as part of it, so user could rate different versions of same service separately.

**Popularity**

There are different opinions regard the definition of popularity.

We decided to show the top 3 rated services and top 3 most recent used services as the most popular web services.

**Comment**

Comment part is carefully designed to make it user friendly.

By inputting “@”, user indicates they want to mention a friend. We provide the whole list of all of his/her friends as a friendly reminder. When user log in, a notification will be displayed for the unread mentioning.

By inputting “#”, user indicate they want to mention a web services. All web services will be displayed for the user to choose from.