**Background and Motivation**

This project is an interesting and meaningful attempt to brush up our programming skills and system design concepts. We learn various programming frameworks and development techniques during the project, so the motivations behind this project are various.

First, we would like to enhance usability of climate service based on the prototype provided. The original version of Climate Service Management System is too simple and difficult to use. It simply gives a portal for the users to view different climate services. As a hub, from our understanding, it should be intuitive and easy to use. As a result, we plan to give a concise but elegant UI to our users. A straightforward UI can be easy to use and improve the productivity significantly.

Second, we would like to build the bridges among the researchers. Since this climate service management system is developed for the related researchers and scientists, it is pivotal to enable and improve the interaction among the users. As is known to all, communications and interactions are essential to the scientific research. How to enable the interoperability and interaction among several services in the management system is one key design consideration in our development process.

Finally, we would like to improve the work efficiency and productivity of researchers and scientists further by polishing up our system. We try to provide some feedback in our individual service page, thus we could gather information of each service and give recommendations to our users. In our opinions, a precise and sophisticated recommendation system should know what the user need exactly and provide some concrete suggestions. For example, our system should know what service is popular, what services a user need. Based on the recommendation system, user can easily find the services he or she needs, and speed up the research further.