Web Technical challenges

- Internet requests
- Notification
- DNS hijacking

In the development of web end, there are some challenges we met and all of them were solved. Management of notification and Internet requests and defense of DNS hijacking are our most significant challenges in the development. After discussion in group, we chose redux unidirectional data flow framework to cover management of notification and Internet requests, which helped us separate dataflow and rendering of views. In regard of an-DNS hijacking, we use SSL and TSL to encrypt transmission of data between front end and back end.

Server Technical challenges

- Authentication & Authorization
- DNS hijacking
- XSS attacking

In the development of back end, there are some challenges we met and all of them were solved. Security and reliability are significant parts we concerns. As a result of discussion, we add authentication and authorization modules to limit access to private information. In regard of anti-DNS hijacking and XSS attacking, we plugged in helmet middleware to secure our server.