**Goals Achieved**

The aim of the project was to develop a service which can help users to manage their local internet access. It achieved this by developing a user interface, which had a user login to begin their experience.

The user would be able to navigate through the web interface and perform functions like blocking websites, removing existing blocks and managing the subscription for the service.

Checking on the website names have been implemented before they can be blocked or removed. As a result, only those websites can be blocked, which exist on the internet and whose IP address can be resolved. Additionally, the same website cannot be blocked twice. The websites which are to be removed, should exist in the blocking list.

After the user has configured their list of blocked websites, the changes would be reflected on the proxy server. The proxy server only allows those website requests which were not blocked by the user.

The proxy server achieves this by comparing the list of blocked websites, with every GET request, which was sent by the browser.

The user is given the functionality to renew or end their service. At the end, a bill is generated and gives the users, their details of usage. The confirmation is also sent via email to the user.