

## Open Source Report

### Phase 1

For phase 1, we use the Django server to host our sites.

1. we add a simple URL "" to the urlpatterns which is inside Project/urls.py.
2. we create our URLs inside Account/urls.py.

Whenever the client sends the requests to the server by a valid URL, the server will parse the URL and call a specific function.

(Source code: <https://github.com/Rexhgx/CSE312/blob/develop/reports/phase%201/common>)

3. After getting the URL, the server will first check if the associated function is callable.

(Source code: <https://github.com/Rexhgx/CSE312/blob/develop/reports/phase%201/conf>)

4. Then, the server will check the URL pattern is valid and call the associated function inside Project/views.py.

(Source code: <https://github.com/Rexhgx/CSE312/blob/develop/reports/phase%201/resolvers>)

5. Inside the associated function, we use "render" function to load and get the specific template.

(Source code: <https://github.com/Rexhgx/CSE312/blob/develop/reports/phase%201/loader>)

6. After getting the template, the server is going to send the response to the client.

(Source code: <https://github.com/Rexhgx/CSE312/blob/develop/reports/phase%201/response>)