

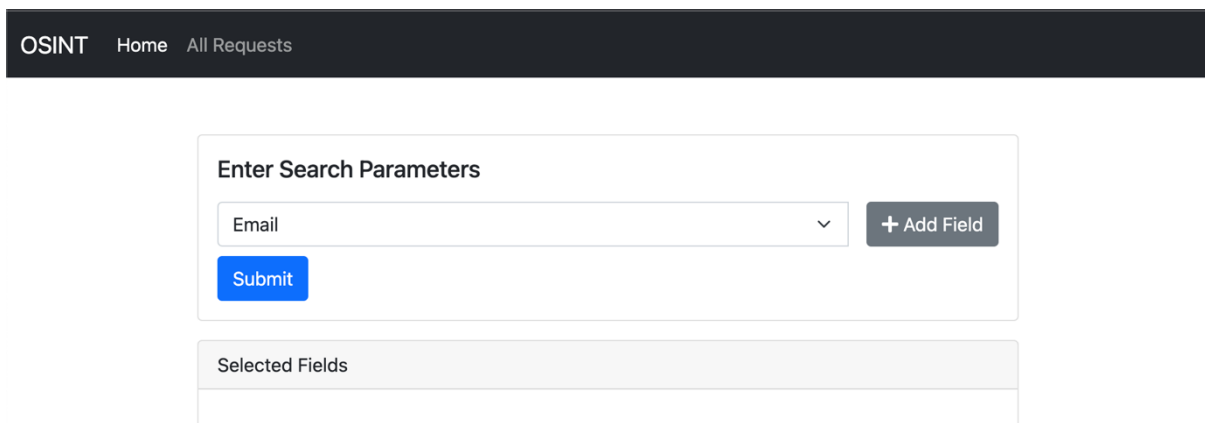
OSINT Frontend Documentation

1. Introduction

The frontend is the main interface which the clients will use to interact with our project. It is built using Bootstrap 5 UI framework for responsive design and interacts with the backend using JavaScript. The frontend can be deployed to any webserver and does not have any special dependencies.

2. Screens

a. Home Screen



The screenshot shows the OSINT Home Screen. At the top is a dark navigation bar with the text "OSINT" and two links: "Home" and "All Requests". Below the navigation bar is a light gray box containing a search form. The form has a title "Enter Search Parameters". Inside the form, there is a dropdown menu with "Email" selected, a "+ Add Field" button, and a blue "Submit" button. Below the form is a section titled "Selected Fields" which is currently empty.

The home screen is the first screen the user will see when the application is accessed. The user will use this screen to specify the search parameters and create a recon request. This screen uses the “Submit Recon Request” API endpoint to create a new recon request.

b. Request Status Screen

OSINT

Home

All Requests

Request Status

Request ID: 1

Max Passes: 2

Completed: false

View All Results

Pass #	Created At	Completed At	Details
1	6/01/2022 12:21 pm	6/11/2022 12:23 pm	<div>View Details</div>
2	6/11/2022 12:24 pm	N/A	<div>View Details</div>

The request status screen displays the details of a particular recon request including the details of the number of passes and their completion status. This screen further links to others screens which include “All Data” and “Pass Detail” screens. This screen uses the “Fetch Recon Request” API endpoint.

c. Pass Detail Screen

OSINT

Home

All Requests

Pass Details

The table below shows the data returned by pass ID # for request with ID # 1

Tool Name	Field Name	Value
Tool 1 Name	Username	user1
Tool 1 Name	Password	userpass1
Tool 2 Name	Username	user1

The pass detail screen shows all the data returned by the tool(s) in a particular pass. The results show the tool which found the data, the type of data found and the value of the data found. This screen uses the “Fetch Recon Request Pass” API endpoint to retrieve this data.

d. All Data Screen

Pass Details		
The table below shows the result of all passes of request with ID # 1		
Tool Name	Field Name	Value
Tool 1 Name	Username	user1
Tool 1 Name	Password	userpass1
Tool 2 Name	Username	user1
Tool 1 Name	Username	user1
Tool 1 Name	Password	userpass1
Tool 2 Name	Username	user1

This screen displays the aggregated data of all passes of a particular recon request. The data is aggregated using a combination of two API endpoints namely “Fetch Recon Request” and “Fetch Recon Request Pass”. The first endpoint is used to collect details of all the passes in a recon and then multiple requests are made to get the details of each individual pass. The data is combined and then displayed on screen.

e. All Requests Screen

Request History				
ID	Max Passes	Completed	Created At	View Details
1	2	✓	6/01/2022 12:21 pm	View Details
2	4	✗	6/01/2022 12:21 pm	View Details

This screen uses the “Fetch Recon Request List” API endpoint to retrieve a list of all the requests in the system along with their status and other relevant details. The user is given the option to view the details of any recon request of their choosing to see the data that is returned.