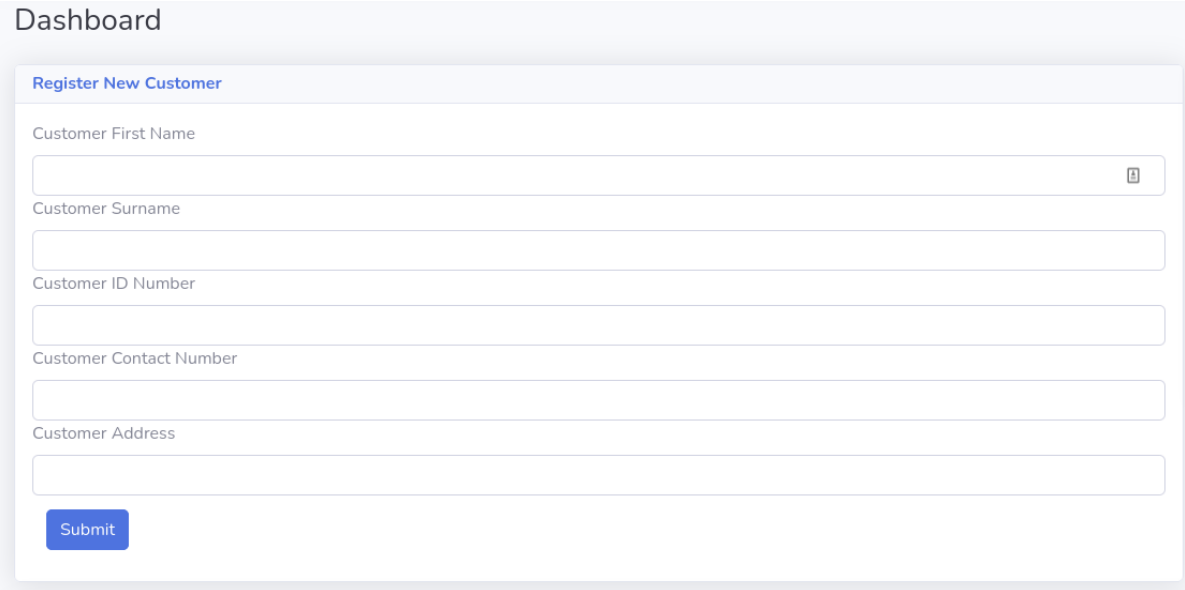**UniSolv Basic User Manual**

Deployment

This manual assumes that you are using your own hosting service to host the system. The system expects that you are hosting the backend portion using gunicorn inside of a docker container. The dockerfiles and docker compose files in order to make this function can be found within the code base. The frontend is basic HTML and I would suggest that you use something like Nginx to achieve the hosting for the frontend.

Basic Use

The Modal
There is a modal that will appear when any of the buttons displayed is used. This modal can be dismissed by clicking off of it. The modal will let you know if an error has occurred within the system as well as if the request that you have made has been successful.
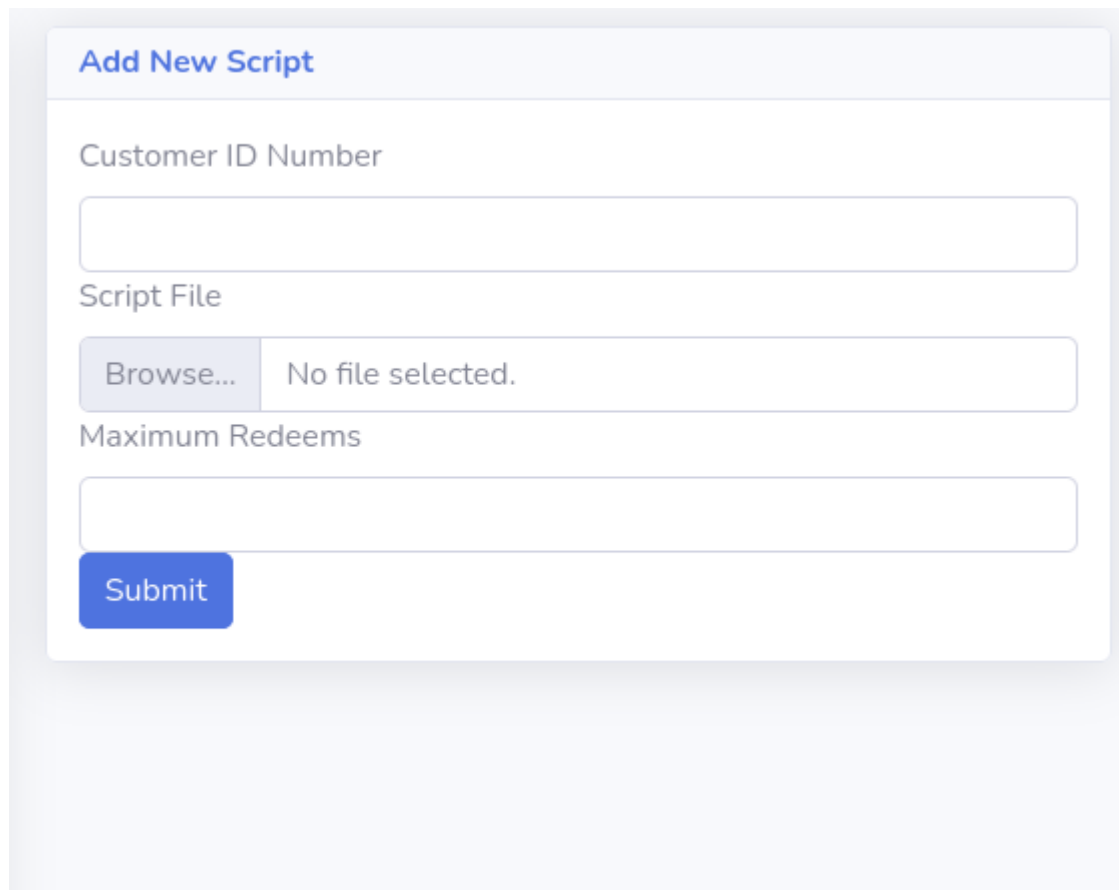
Register A New Customer

This can be found on the main page of the system. Filling out the fields will allow the user to add a new customer to the database. It will return an error if the user already exists within the system. The fields are all text based meaning that they will accept almost any input meaning that the user is open to add details as needed.

Adding a new script to the system

This can be found on the main page of the system. It will allow the user to select a file for a script as well as let the user input how many times that script is allowed to be redeemed and the customer ID number that the script is linked to. This is done to ensure that a customer can only ever redeem their own script.

Redeem a script
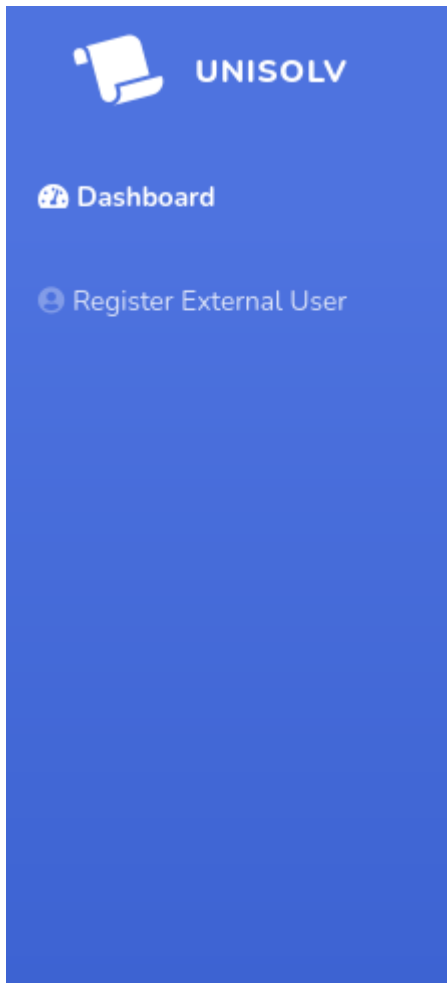

This can be found on the main page. The top button will allow the user to search for a script that is linked to the customer ID number. After filling out both fields the system will redeem the correct script. If the customer may no longer redeem that script the system will reject the request and an error will be displayed.

Navigation

This is the navigation menu that can be found on the left hand side of the screen. The top button: "Dashboard" will take the user to the main page of the application. The lower button "Register External User" will take the user to a form where they can add external users to the system. This allows for external integration into the system that will allow doctors offices to upload scripts into the system.

Integration

If an external system wants to upload scripts into the system for better verification of the scripts they can do so AFTER being added as an external user in the following manner:

Obtaining an authorization token:
URL: <domain>/auth-token/
Request TYPE: POST
Body: JSON:
{
"username" : <username>,
"password": <password>,
}

This will return a token.

Uploading a script:
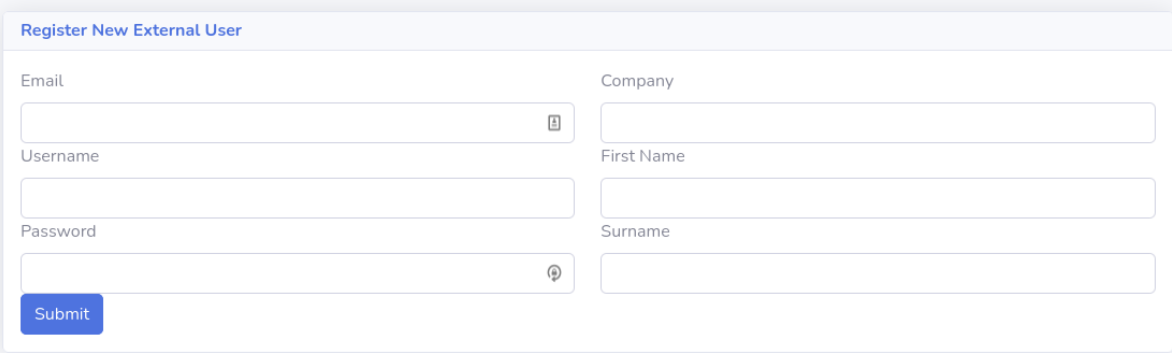URL: <domain>/api/v1/external_actions/upload_script/
Request TYPE: POST
Headers: Authorization: Token <token>
Body:
{
"file": <file>,
"max_redeems": <int>,
"customer_id_number": <string>
}

This will then add a script to the system from an external source.

Register An External User

This will allow the user to fill out the fields and add an external user to the system