

## UniSolv Basic User Manual

### Deployment

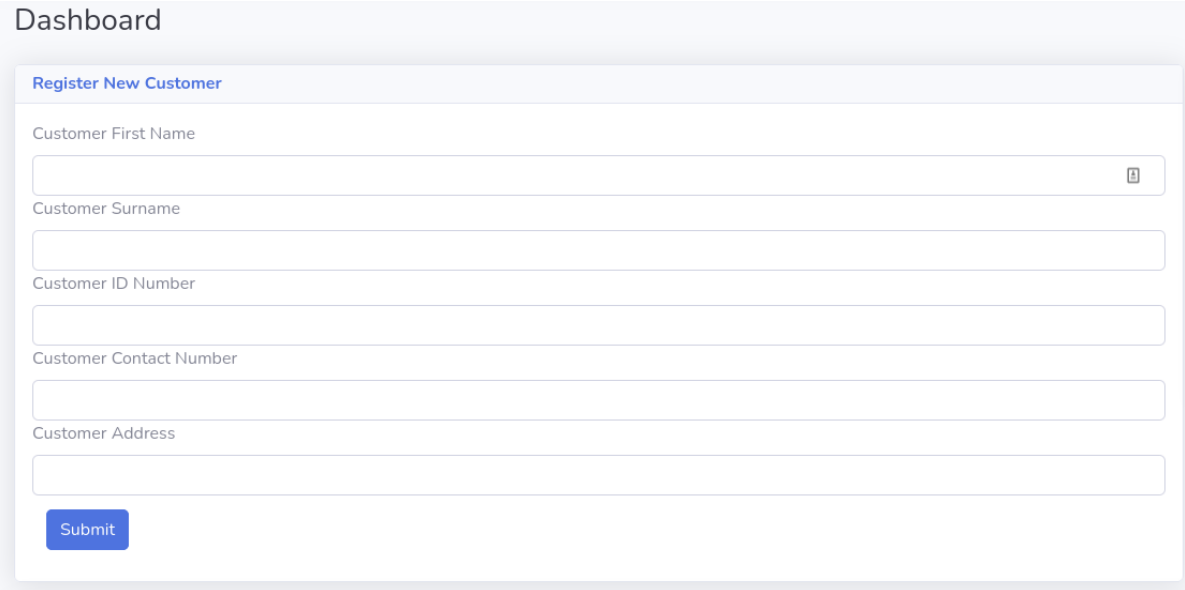
This manual assumes that you are using your own hosting service to host the system. The system expects that you are hosting the backend portion using gunicorn inside of a docker container. The dockerfiles and docker compose files in order to make this function can be found within the code base. The frontend 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.

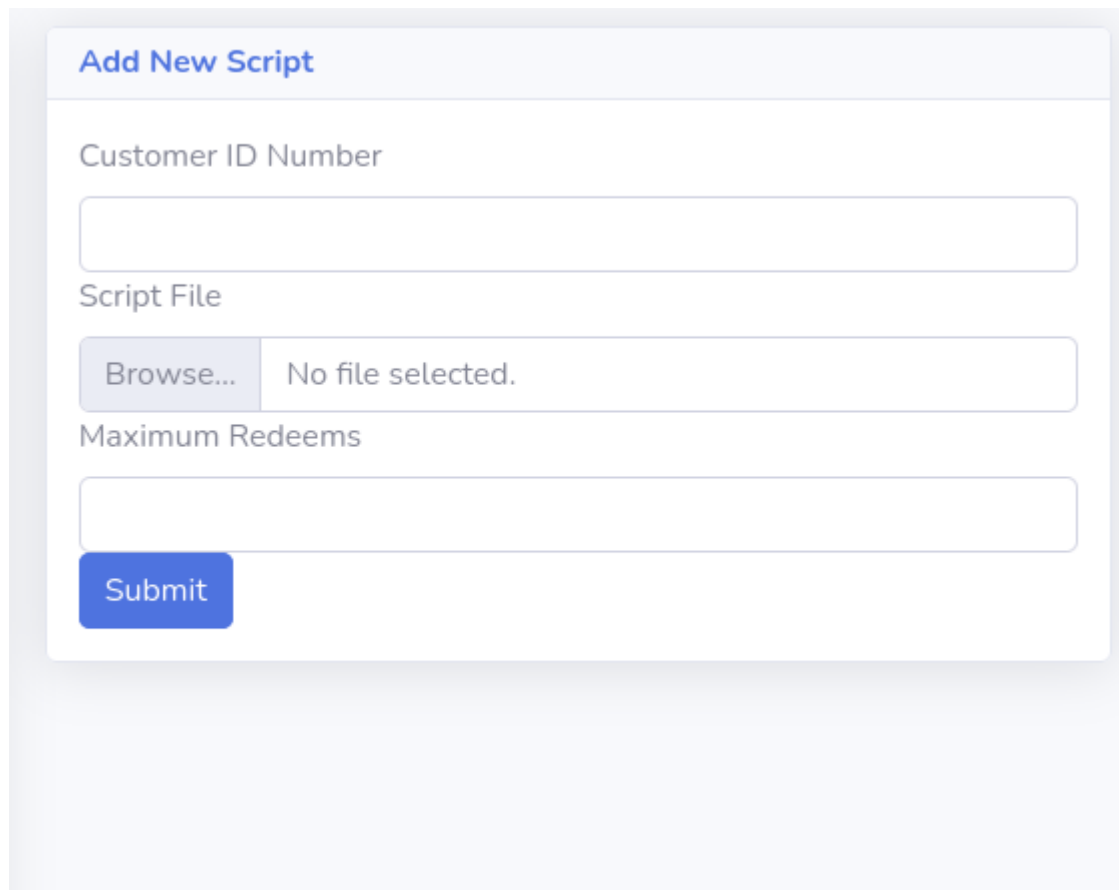
#### Register A New Customer



The screenshot shows a web interface titled "Dashboard" with a sub-header "Register New Customer". Below the header is a form with six text input fields, each with a label to its left: "Customer First Name", "Customer Surname", "Customer ID Number", "Customer Contact Number", "Customer Address", and "Customer Address". The "Customer First Name" field has a small icon on its right side. At the bottom left of the form is a blue "Submit" button.

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

A screenshot of a web form titled "Add New Script" in blue text. The form is white with a light blue border. It contains three input fields: "Customer ID Number" (a text box), "Script File" (a file selector with a "Browse..." button and the text "No file selected."), and "Maximum Redeems" (a text box). At the bottom left of the form is a blue "Submit" button.

Add New Script

Customer ID Number

Script File

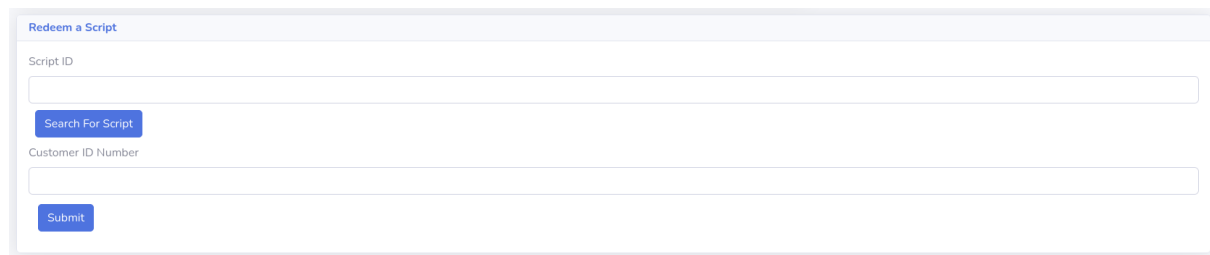
Browse... No file selected.

Maximum Redeems

Submit

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

A screenshot of a web form titled "Redeem a Script" in blue text. The form is white with a light blue border. It contains two input fields: "Script ID" (a text box) and "Customer ID Number" (a text box). Between these fields is a blue "Search For Script" button. At the bottom left of the form is a blue "Submit" button.

Redeem a Script

Script ID

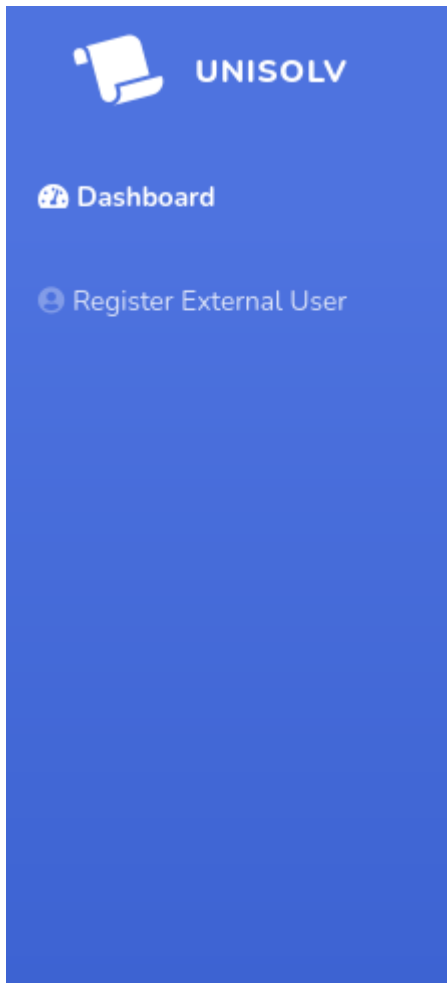
Search For Script

Customer ID Number

Submit

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

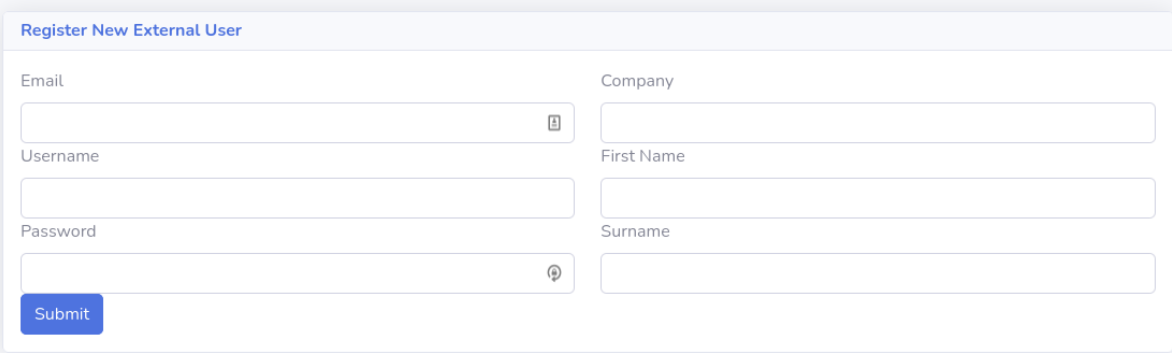
Headers: Authorization: Token <token>

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



The form is titled "Register New External User" and is divided into two columns. The left column contains fields for "Email", "Username", and "Password", each with a corresponding input box and a small icon (a key for email, a person for username, and a key for password). The right column contains fields for "Company", "First Name", and "Surname", each with a corresponding input box. A blue "Submit" button is located at the bottom left of the form.

Register New External User	
Email	Company
<input type="text"/>	<input type="text"/>
Username	First Name
<input type="text"/>	<input type="text"/>
Password	Surname
<input type="text"/>	<input type="text"/>
<input type="submit" value="Submit"/>	

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