

# TaskMaster

---

TaskMaster is a web application tool for volunteer organizations to automate everything which can be automated.

The web application should be comfortably viewable on both desktop and mobile screens and has a dark theme.

## Member registry

A member registry should be securely stored and easily managed.

- People can click a button in the UI to apply for membership. An account is automatically created in a database with the membership status "pending".
- An admin can manually approve a membership, at which point an email is automatically sent to the new member with an autogenerated password.
- When logging in with the password, the new member is directed to a page where membership payment can be made. After paying, the new member can change their password. After changing their password, their membership status is changed to "valid" and a date of registry is attached to the membership in the database.
- The member registry is automatically checked every day to automatically send a reminder to members whose membership expires in one week.
- All valid and expired members can log in using a button in the UI.
- Members with expired memberships can only see their own profile with the option to renew the membership.

There exists a member blacklist to prevent overload

- The blacklist consists of a list of email addresses.
- Users on the blacklist cannot apply for membership.
- Users on the blacklist cannot renew their membership.
- User memberships on the blacklist are considered "pending".

## Admin access

The list of all registered members can be accessed on a protected page only accessible to admins.

The membership page contains an overview of the members including a graph of membership count with one curve each for pending, valid, and expired members.

The full member list is accessible in a sub-section of the page where:

- Admins can create new users.
- Admins can update existing users.
- Admins can delete existing users.

The member list is shown as a table where all properties of the user are visible. The list is sortable and filterable by all properties of the users.

## User profile

All users have access to their own user profile where they can see their membership properties, including membership status, registration date, and renewal date. They can add their name, nickname, and contact information, including phone number and email address. If the user is an admin, their membership role "admin" is visible in their user profile.

- Name and contact info can be edited by the user.
- Membership can be renewed by clicking a button, at which point the renewal date is extended by the length of the membership period (e.g., one year).
- Members can see their owned event tickets.
- Members can see an overview of their booked volunteer shifts. The volunteer shifts should be exportable to Google Calendar, Outlook Calendar etc.
- Members can see a list of events they are hosting.

## General Admin Configurations

Admins have access to a configuration page where they can manage general settings for the application. This includes:

- Setting the membership period (e.g., one year, six months).
- Configuring email templates for membership approval, reminders, and other notifications.
- Managing default event tasks.
- Setting up synchronization with external calendars (e.g., Google Calendar, Outlook Calendar)?.
- Configuring UI texts and translations in the application.

## Calendar

The calendar visualizes the events happening in the organization. Each event can be clicked to take the user to the event page. The event calendar should be synchronized with that of the organization's Facebook page and other relevant social media.

## Event manager

An event page can be accessed by clicking on it in the calendar. An event page contains an event image, title, start time, end time, location, host, list of co-hosts, description, and a button to access the event's task manager.

An event can be created by clicking a button on the calendar page or a time slot in the calendar. The logged-in user is automatically set as the host. Additional co-hosts can be added through an autocomplete list of registered users, where only the nickname of the user is visible, or a comma-separated list of names. Only the host or co-hosts of the event or admins can edit and delete existing events.

The list of participants and reserves is handled automatically.

- Members can buy a ticket in the application.
- Members can see a list of their owned tickets and events in their profile page
- Members can request a refund of their ticket and the ticket will automatically be offered to a reserve. If the reserve pays for the ticket, the ticket price is automatically refunded to the original owner.

An event host, co-host, or admin can access the event's task manager. An event is split into three phases: preparation, execution, and aftermath.

## Task manager

Each event phase has its own tab in the event manager. Each tab contains a list of tasks to be done in that phase. Each task can be created by clicking a button. A task contains an event id, title, status, due date, assignee, reporter, reminder date, and description. An event host, reporter, or admin can click the assignee or reporter to show a redacted user profile showing only the user's nickname and contact info.

Tasks are automatically checked every day. On the reminder date, an email is automatically sent out to the assignee with a reminder text configurable by the event host, co-hosts, or admins.

## Default tasks

There is a list of default event tasks in the database, configurable by admins. These default tasks are automatically suggested at the creation of an event. The creator of the event can then de-select tasks as needed.

## Kanban task manager

There is a kanban-board, with columns "to do", "in progress" and "completed", containing tasks not tied to an event. All users can see these tasks but only admins can create, update, and delete tasks. All users can assign tasks to themselves and drag-and-drop a task from the "to do" column to the "in progress" column.

## Administration automation

- The database is periodically purged of stale membership applications
- Users are notified by email when their membership is about to expire
- Membership payment is handled automatically through Swish
- Monthly newsletters are automatically sent out to all members with a summary of upcoming events etc. Templates and unsubscriptions are handled by email host Sendgrid.

## Information bank

Possibly an external link to a well-organized cloud drive.

TBD

## Languages

The application should be viewable in several languages by selecting a flag at the top of the page.

The texts for each language should be stored in the database, indexed by an id of each field. Upon rendering, the texts for the chosen language are loaded into a LanguageContext. Wrappers are created around label components, typographies, links etc. which shows the text for the selected language from the LanguageContext and defaults to English if no translation exists for the field. The text should be editable by an admin. Upon edit, a new text is saved in the database for the field id.

## Contributions

To contribute to this project, go through the following steps to setup the environment on your computer:

- Create a [GitHub](#) account.
- Ask Kellen to add you to the TaskMaster project to give you access to the code and detailed plans for the project.

Download your tools:

- [Git](#)
- [Node.js](#)
- [Visual Studio Code](#)

Create an empty folder on your machine and open the folder in Visual Studio Code (hereafter: VS). Open a terminal and run the commands one after another:

```
git init
git add origin https://github.com/KellenSmith/TaskMaster.git
git fetch origin
```

Follow the steps to log in to GitHub when prompted.

You should now have a bunch of files in your previously empty folder. Install all the tools the project used by running the commands:

```
pnpm install
```

Start the application by running the command

```
pnpm dev
```

You should then be able to access the application at <https://localhost:3000>

Create a new file in the root folder called ".env" and paste the following content. To begin working, go to GitHub and grab one of the "issues" tagged with the topic you prefer.s

WARNING!! Absolutely do not do this in production or if there is sensitive material. We are fine for now.

```
## Vercel
AUTH_SECRET=4985ff97fcf323098511ea02d6fc0aa4
CRON_SECRET=jN0A0WVXBGgiWfZB23uf

## Resend Mail service
RESEND_API_KEY=re_aG2UJjRV_9mDoJeMXae6nL8c1foJ5WWGV

## Internal API
```

SWISH\_SSL\_CERT="LS0tLS1CRUdJTIbDRVJUSUZJQ0FURS0tLS0tCk1JSUZiVENDQTFXZ0F3SUJBZ01RU1JLejY5cHVQT2Ev c1VxN1luU2dMREFOQmdrcWhraUc5dzBCQVwRkFEQnIKTVNrd0p3WURWUUFERENCT2IzSmtaV0VnUTNWemRHOXRaWElnUTBFeE1lWX1JR1p2Y2lCVGQybHphREVSTUE4RwpBMVVFQ1JNSVRrUkZRVk5GVTFNeEhqQWNCZ05WQkFvTUZVNXZjbVJsVWNCQ1lXNXJJRUZDSUNod2RXSnNLVEVMck1Ba0dBMVVFQmhnQ1UwVXdIaGNOTWpNeE1USTRNRGd4TWpJNFdoY05Na1V4TVRJNE1EZ3hNakk0V2pBM01Rc3cKQ1FZRFZRUUdFd0pUURFVE1CRUDBMVVFQ2d3S05UVTJNRGs1TnprNE1qRVRNQkVHQTfVRUF3d0tNVE16TkRZMwpPVE13TkRDQ0FpSXdEUUV1KS29aSw h2Y05BUUVCQ1FBRGdnSVBBRENDQWdvQ2dnSUJBTTZK em9aNndQc zNxFpQCnRKUEZZUWR1Sm1PNXk3TGJawkr1b1hZWjbIaFdiQUJRZjhHL3ZEVzBec1V1cXBWQk1qTXQ4OEJkUkphd2FWdWIKSWk3WnNGZWxLcXRQdVNhZUQrcU9CTlZGQ2NIRStnQVBqR0hsamUrWmpBeTlNc1pyY0tXV3IvZzhp dVd2anpxMgpzZHRZM0VPem15Q25ZcGxzTnBKOfp0TUVQdU9Td3BtOUJrTlcvRUVxMm51LzFTWHNEbys1KzFnYXNBa113TVI1CkNKWnVoWdC0amw3cE8waXYxb3NHdVlkazQvMnJkZnk4Rwk4bHFDbmhEdmRvR3RQV2hBYm5VN XZZK21hM1B3ckgKQ043WDVoS1puWmdpWHVfVGM4bU1MTEYveWxIcF dSMWwrU1NrTXErcWZwQWnzSVpFYjJwSwdarZdYR1ZTWS94RavVjJjejRFOEdXM2RHR1daMngvLzVuWwV1b0dNc2JwOW5Gaw9Td1FtRFRGMk1JnMFdPQ25iMFVuQ0FzaXRvUHBfCkpaQjNTaGlXVDhmG9iazU4UkU5ajdtNnZ0RV1iNwdmcXQ2ZlZlZk1FqUkVpMDB0djBFWFVwUUhBOC9KQ1pRSEsKd3hwSDNpd05pa00yc1g0Y1g4WDZ3MwNDakJOZ2VLd1RybjJ6M3p3aV FhWDFKS1RwWExvS0NZVWJxeDN0cnhjRAo5ZXF0Ujh6a3JBWw pJNTA4aWJXVku0Wnd2d3N5R2xjNXk2UX1VNw01UUs1ZHZUSXk4ck1TQm9VQTawN2tLQTlOCjBYVkh nWmZMVBDB1tjJWTDJVBhRvVvVoyUV1BL2dOdFB3ckRxYzRlMm1Cc1ExYTNEWUs2aEFZRENYWDJpcXYxYXELzF xQm5qU3FNTC9mZXducGdTRHpmU1E1WGNESkFnTUJBQUdqUVRBL01CRUDBMVVKRGdRS0JBaERaOWU2SkUxdwpQakFWQmdOVkhTQUVEakFNTUFvR0NDcU ZjZSUZ0OVFFok1CTUDBMVVKsX dRTU1BcUFDRUkrOTNTWjVbD0hNOTBHCKNTcUdTSWiZrFFFokRRRVUFBNELD

QVFBbFd3WUftOE5ZN1BJanhobnM1a2JQUHZYRjNITmwyYnRJamZveUhaSzAKSXNDb0RrRnJDUDBycXZ1NE  
V5cVVjLzNzTzIrTDV1VXFFUDVNaHivQ0VoT0tuRjMrZVJEQnRnekNaTDNOcXdzYwpDbnBmN0ZJdmx3RzdH  
NUZTNn1WL1RwTjFrRkJ5Qmk0MXhJUjB4ZEx1bnNjZDBTTU9Sd0lRdlp2WktjMFJrZVNYClhFNk94Q0t3bV  
Q5ejVuREpNWGxYeXBja2l1lQWdESn13MEEdkVteFltaHNPelRPb0R1bk80Tm1xV0g5NWhTb1gKb1hjdvFu  
WDRENUpmKzZ5RXVzK2lBaE05b1h1ZDJVU1d1a2F0bmZtSV1JNDh6OStRN3NPZ0JFOEH0SjlRUGFwKwpwbX  
dURnpvZTJFKz1DeFTSmdiSkdZL3VJYm1udmkzNHBIbThZVytWbWfYb0pXVwPnL09DcExhY0E1UFh2OF1Y  
C1EvS1RjdnA3NzNVbWvVUw1Q1RrcFgzemJzU1VBb0JMN1pqS0xxTFg1ZWMyMEJ6TG41Mkt3b0JPM215Yn  
l0QUgKRGxubHJJJeFM3YkQwdnE0cU9rL1l6S1JmNVh3Z21QQU1wdWNWc25SOWYzQVdDaWVDY2RZYnRYMzVh  
RjJrYmZz0QpVR1NUbytlanpSZ0Y1K1BDWEFKNVc1QVdFd1RnRk5TQUx0ZW05ew1EaTBi0ENIY1kyQWFidX  
VIDxZGMXJLTmhEck94UVRyQnFLWFRcy3dqY0xNaFhFbZRWVXEWOTk1UDhIbGd4QVpDYkxIWW9XZ282NGhs  
SEQycXhmcGVGa2g0b2kKMndrd2IySHFHWXfPkzBoSk5DcEdHMLf5azNyNkRaMVlQSmtCbmw1SVg5VGvCTW  
ZvWVJxQ1Nya25ZRmlGbUJ5Qwpidz09Ci0tLS0tRU5EIEUFU1RJRklDQVRFLS0tLS0KLS0tLS1CRUDJTtIBD  
RVJUSUZJQ0FURS0tLS0tCk1JSUZ2RENDQTZTZ0F3SUJBZ0lRWwZORkxueXB1Z0JCWEg2TmNoNUR1REFOQm  
drcWhraUc5dzBCQVEwRkFEQm0KTvNRd0lNWURWUvFEREJ0T2IzSmtaV0VnVW05dmRDQkRRU0IyTWlCbWIZ  
SWdVM2RwYzJneEVUQVBCZ05WQkFVVApDRTVU1VGVFJWt1RNUjR3SEFZRFZRUUUEQ1ZPYjNKA1pXRWRbU  
Z1YX1CQlFpQW9jSFZpYkNreEN6QUpCZ05WckJBWVRBbE5GTUI0WERURTRNRFF4TXpFeU1USTBOVm9YFRFJ  
NU1EUXhNekV4TlRNMU1Wb3dhekVwTUNjR0EXVUUKQXd3Z1RtOX1aR1ZoSUVOMWmZUnZiV1Z5SUVOQk1TQj  
JNaUJtYjNjZ1UzZHBjMmd4RVRBUEJnTlZCQVUQ0U1RQpSVUzUULZOVE1SNHdIQV1EV1FRS0RCVki9iM0pr  
wldfZ1FtRnVheUJCWU1Bb2NIVmliQ2t4Q3pBSk1JnTlZCQVLUckFsTkZNSU1DSWpBTKJna3Foa2lHOXcwQk  
FRRUZBQU9DQWc4QU1JSUNDZ0tDQWdFQXR2dGw4WG5Ca0k1NUZqdZAKdVRQczhlMG13U0Q4eFVKs3JoaTRa  
VGdiVzFkUERLSVE1N2pTcmJRUnlHUWZMS2tLeEdIR3Z2S3BvR054S1ZocApRU3RpWDBRRnNoVE1wTTgxOU  
oxMmZxNTJyUWh1czRQTDd6MW9pTmRsUjB6Q0s2ZkVXUTVkwNBXemJJZVBqR0M2C1phbXRheUhd2hIVVfz  
UVhKcDdLQ3FjS1lJRkdVeXfuc1NCWVhEN1lXUEN1N3pQaEM4Vksid2NHbWYxaU1ISE8KTm9vSG1BT2hwSk  
9ydmxVzVab2gyZWY4OXVtdFpqcwFmOE14cVNmS3N0TGExvKlnZVdUaWgrTzNjD0lQY1pCegpDV1g2REEy  
TFZaRUxFNvCwOWFua1BZNUtzC0lMQUFtbGNwNjK0ZDR4aEJSVZCkG8xaEw4c3lkSHZHbm45YTh1Cm05L1  
k4d2FDaXVLazN0dXk0S2JZNMiYWHNSm2dwUdPOFFiWmZ4Y2hEcnhtU0pYUXJSRFoxTTR1b0pWeHFXRHEK  
K2dsUC9rQmEyV2Z4ZjdGQkY0NThtR2dDYzB0ZzdkankwMy85YkhTcDJIUW1BeHV0Vz1QUnJRbUZjaFJBSn  
VEcApwWdd2N3AydnBiNn1rWUJER2k0QXEXR1ZtdGQ2YngvT2xjRC9BMUxKUUNwbTVocFZGZ2pVZTC5ZjJi  
a0ZkUWJaCnF4VXdzSXNSQk5HRnd6VThIYtd2bFRiVdk1TG9BNENE0EUUXI4T0RGL3A30FRVeTV4MFFHU3  
EzOURwMGY1bCsKcWQwd2VldzdzNXNadzRLcWovVWcvOE5LTVZ0ekVWRko0aWdTYWNPYm1yUGc5aVBrRUh0  
U0kxV2szVnVjDvQyDapUd3JPT0UvRkRVZVYreHliWEpRVGF4V0NaNthDQXdfQUFhTmhNRjh3RHdZRFZSMF  
RBUUgVqkFVd0F3RUIvekFSCk1JnTlZIUTrFQ2dRSVFqNERkSm5rREFjd0ZBWURWUjBnQkEwd0N6QUpCZ2Nx  
aFhDQmJRRUJNQk1HQTFVZE13UU0KTUFxQUFfaUV1V1mTnozC1BNEdbMVVkrRHdFQi93UUvBd0lCQmpBTk  
Jna3Foa2lHOXcwQkFRMEZBQU9DQWdFQ0pmc3N4bDV0VzYyK1NNSDk1ZXQ5U1p1Q1hWtkozcDBWUvFHSUtW  
a1BpeHBveUV5bC9YekJvcEtUdWxEMzF2a2xSCjFvVzdyWE9SVE5ta05FUXh0bHNWSTdRME5ZbzNGZHJ2Qm  
1xQ3NwNytCZ3pZVi9uNmDKMwsxMW9lQVNITzkWt2gKSmr1WVFRtTFjcElia25oM0VFK0I0MGFTM1B3ZVA3  
VkIwS2hGcXMwT28xSFgzWgd0UUXNcDdYWX13UFV1cVJCNQpjqTFTdVkrUkpSYj1VeU5GbDFuR2p0MzV6dk  
g5aGpwNstlUnpwcjhpeFlCZE1tdmlGaWRINERTcVlGVEN1cFVaCkhmL3NNZVpwQ1kxaDV1emJJK2h5NEF0  
eHRPdmddQk9ieGZqcWZnd1JtRjIrdk9TV2kzVW5ZMDBHcnU0UnhERVmKrk5lV2lNY3ZzOWVYUXZZczZhTG  
ZkNUlnNmpxUDFxWHRXcH4UkNheGtJUzFaYnhLOThNR2lXdnBsOU1JTVZ4bgo2aUJUMDRLTTQxNHVjcmwy  
VVFrdHdJa296Zzh4STN2NzVibXdwNmYyTk1DS1ZuQ3JCS29SSjdVekxVdm4rMVhqCjhYcVRIVHROS0hSRj  
VwTEVLN0ZWMEVNY1dLTHpOdHirZwdDa1ovRnJFTTBKREJxQmZ4bTR3TjJGYlVKeXlSRlIKektGQUVJWm84  
bHpWSEI1SndDQW02Zn1TQWE1dDARn1FwawZQQ2l0S2pCc1BPawZk0ThlL3k3QzdyNTE3bXRIMwpqRmdiUW  
hCRHFTUm1NSmcwQmVHamx5QWg5ODNkaEtXf1jR0JqWGsSsmRWRzY2MGRpT0dRUfZewdYOE1RNd0Cjhm  
MkFxrmtsUs1Rm5aK0NqdEEwZfd3SE5Ywjr3L1J0cU1lUu1iQ1lg4bDA9Ci0tLS0tRU5EIEUFU1RJRklDQV  
RFLS0tLS0KLS0tLS1CRUDJTtIBDRVJUSUZJQ0FURS0tLS0tCk1JSUZvVENDQTRtZ0F3SUJBZ0lRZTBOUTZJ  
Tk1JaXl1Z1JhelZicUlnakFOQmdrcWhraUc5dzBCQVEwRkFEQ1EKTvI0d0hBWURWUvFEREJWVGQybHphQ0  
JTYji5ME1FTk1JSF15SUZSbGMzUXhHREFXQmdOVk1Bc01EMU4zYVhObwpJRTFsY1dKbGNpQkRRVEVTVUJJ  
R0EXVUVDZ3dMUjJWGMzZHBjMmdnUVVjd0hoY05NVGd3TkrFek1URTFNe1V4C1doY05Namt3TkrFek1URT  
FNe1V4V2pCbU1TUXdJZ1lEV1FRRERcdE9iM0prwldfZ1VtOXZkQ0JEUVNcMk1pQm0KYjNjZ1UzZHBjMmd4  
RVRBUEJnTlZCQVUQ0U1RVJVR1RSVks5UTVI0d0hBWURWUvFLREJWt2IzSmtaV0VnUW1GdQpheUJCWU1Bb2  
NIVmliQ2t4Q3pBSk1JnTlZCQVlUQWxORk1JSUNJAKFOQmdrcWhraUc5dzBCQVFRkFBT0NBZzhBck1JSUND  
Z0tDQWdFQXdueUJiRmR4M3hCZUdScGtLM3pJNUFTTV1aNUVSL0NyT3Ara3B4a1FCMG05dXZCaXJJVFikcX  
loazQwaWNOTUU4ZHkzSk4xcWRPdXVHN05QaU5SSGFvQ1MyLzQvdjFmaytra3R6NWRjWk1YK20x0EpBZ2lW



dwphZ21hRjJVWEx4cVgxOEJpV2RzekNNdzRHdnPvWkw4RFR0Vk1WajlCeThTN3JuaGk2MUhBa1lrdG1mRW  
1tNi9GClVYenA00UUVaFntdFZyRnJ3WnJKWHZ0QXJaa1JGVDkySk03SszNUQ2pTZm93MFc2YS8wRWNiCvNR  
QTVJdFd5SHQKMGxsVWxWaDFrZXpqQkg2enhRU1dKQTdHMithZEZ5S0xhTUoyZ1BjWjBXNUhPMUFBsZEWV3  
NXc3lZr3FNVVJ2dgpKendYMDBxbVVHNkEyY1B0ZHZBVCsxaTlvZVYzdG1YaE0zRUFyV004W1pnQXYxakJs  
bTdpSXhaOHkwVVFSDdtCitZSHF00GEzbDZowC9SbmFERDdUeXU1Z21UVjZDb1ZUNG1MNzZtZEx4VjI0cH  
FBcCs2U0M1R2pyakxuYmtIdkMKU2p0WGEVDVEcTZkUkRmU2ZrNGhYSHIzSTMwY1BXRg1CdEJ5NmdZRS9y  
cEsyMHBnMn1lSkJpL3ozNmdJcm4yQqpJNzVtRWE0Z1hWdGk0bzB0K0tkUnZKbk1KQVh1L3NxY1g0UmpBdW  
0zYXBEMHZZQ04rdGNETklkRHhWN0tqYkFVCjBrN016VfCxd21ES1JWejArUGJMW1AvU3g4K2xKQ1F0K0tU  
VTZVNmVEeStyOVpze1FBMm1HYXFrT1RhMG9pelgKZW9ZaHoxd3NCQ3I1WDhqRXNFTzY4ZHpnRFN1cnZsTG  
dtREZ2aW9D0EH4UXdKeGY0WFM3VWtEVUNBd0VBQWFOaApNRjh3RHdZRFZSMFRBUUgVqkFVd0F3RUIvekFS  
QmdOVkhRNEVDZ1FJU01TNVJoODNQZW93RkFZRFZSMGdCQTB3CkN6QUpCZ2NxaFhDQmJRRUJNqk1HQTFVZE  
13UU1NQXFBQ0VxeEwxVTFqQmx6TUE0R0EXVWREd0VCL3dRRUF3SUIKQmpBTkJna3Foa2lHOXcwQkFRMEZB  
QU9DQWdFQWQ1aUhNdVBGwndCWDfId3Vrdldpek80YkFGWEZRZWRReFNpVApTQTdREV0MkpaUitmWENva1  
o2N1dhbytZdHdLcjH5eVcrKzFkZ3hpSX1MbGc1Q1BsYU0wTE1SDJOcGJFYVZMCnRwZwtsT2dSb3U4Zzdz  
c3N5OHRSZVdFemdGVTVuOXpEew5aRlVtDExheGdpbmNUVkpseWk5NmMzRzdzaHVveGkKRmRmcXRkYXptU0  
lRk0RGelhmWHRWc09zRTVHe1BVdmhtaSs4cGtLb1I2Y1Bsd3FTUm1mRnhiV3p4c2EzNmZmUApMSVJWVVAx  
T21DMzBNdndNcTNWcE9iYwPua3VuUFpQTVlPtkFTRWFS12hzcHhpUG13NfNRaThTS111Q1FUNkt5CktOb2  
83OHJrbnNDdTyrTDJoZ1BIb21ydmFMbnJnNGtxM2lkSWJdWVFRk1Y4Mzc4RVVnNWNaUmNhNXZoUHPNVUEK  
Wm4xQUtmQyTtTVFPn1ZnTD10SEhmSGZnUDExNTYyQzdkUE1qd2VYNjFVd0xQZdIUuYmWtBM0E0VFFzOW  
U0RQpuRkx4UHJ5SnloMFgya3h3ZGtuT3lpQ0RxS0dZSFU0NEtZMUw2a291dzcrOHVndEJhQ0czYjNjAwPc  
YXNJdXVUC1RrNlU2Q2U0WWRhTnpkRUT2Wi96aFJUNi9FdUp2QkxWQUJkZkZ3UDQySmk0UytYRW8wK09JZi  
9VY21GbJR4Q2YKbU5GNitoL3NTS1FCSVF0aExuWjJ0emh1Qm80UGxjQmk0T1NtbjJyR3h6eG9jSDJNZzFZ  
S1VsS1BuQ3BnSUxxNQp5Y20yeDVqL2xiUTAwU1VnWC9hMHFARE50bCtWZ01hSEFOT310WEDUaj12YknkUU  
FzbEF5bXlucnJ6cEZZaDQ4CkpTbjMxOUk9Ci0tLS0tRU5EIEFUF1RJRk1DQVRFLS0tLS0K"

SWISH\_SSL\_KEY="LS0tLS1CRUdJTiBQUk1lWQVRFIEtFWS0tLS0tCk1JSUpRd0lCQURBTkJna3Foa2lHOXc  
wQkFRRUZBQVNDQ1Mwd2dna3BBZ0VBQW9JQ0FRRE9pYzZHZNEN042aTIKVdDlTVHhXRUhiaVlqdwN1eTIyV  
1EzcUYyR2RCNFZtd0FVSC9Cjd3MXRBN0ZMcXFWUVNJekxmUEFYVNXc0dsYgpteU11MmJCWHBTcXJUN2t  
tbmcvcwPnVFZSUW5CeFBvQU00eGg1WTN2bV13TXZUTEhdM0NsbHEvNFBjcmxyNDg2CnRySGJXTnhEcZrZ  
3AyS1piRGFTZkdiVEJEN2prc0tadlFaRFZ2eEJLDhAzdj1VbDdBn1B1ZnRZR3JBSTJNREUKZVFpV2JvVis  
rSTV1N1R0SX15YUxCcm1Iwk9QOXEzWDh2Qk12SmFncDRRNzNhQnJUMW9RRzUxT2IyUHBtdHo4Swp4d2p1M  
StZU21aM11JbDdoRTNQSmPDeXhmOHBSN1ZrZFpma2twRet2cW42UuHMq0dSRz1xU01HUUnUxeGxVbVA4C1E  
2RmRuTStCUEJsdDNSaGxtZHNmLytaMkhycUJqTEc2Z1p4WxFFcjBKZzB4ZGdZTkZqZ3AyOUZKd2dMSXJWR  
DYKUKNXUWQwb1lsay9HdEtHNU9mRVJQWSS1dXI3UkdHK11INnJ1bjFXUGtJMFJJdE5MYj1CRjFLV0J3UFB  
5UW1VQgp5c01hUjk0c0RZcERockYrSEYvRitzT1hBb3dUWUhpCjAXNT1zOTg4SWtHbD1TU1U2Vnk2Q2dtR  
kc2c2Q3YThYCKEvWHFyVWZNNut3R015T2RQSW0xbFJPR2NMOEXNaHBYT2N1a01sT1p1VUN1WGIweU12S3p  
FZ2FGQU50TzVDZ1AKVGRGMVI0R1h5MD1MamRsUz1sSmJhRkdka0dBUDREY1Q4S3c2bk9IdHBnYtBOV3R3M  
kN1b1FHQXdsMT1vcXI5Vwpxdj1hZ1o0MHFqQy8zM3NKN11FZzgzMGtPVjNBvFJREFRQUJBb01DQUUveDh  
KS0dQbCtmTmP0SFU5N2xCajlCCm1CckpCb3RYT0JPZzBUK3RFMUFA5jVuaGp1b1loTW9HeGJiV2J1bngrY  
0owdFlhT3M0ZGVocEdTVld0c0dNRjgKS2EyQTRPcU5RUnpwMXy0VVNJZ0w3amNlEmF4eEzNVVoycWR0cnB  
NMk1EYXdRckhrQVdHUmlHL0NHc3NNTk1veAoyNWNlbzNRK2Vrc3VRd0RjQW0zRk4zVVP3U3hjCGF5MTRUV  
jcrQTNETndtMEZCR1Exdlc5ckxRQUkyNVRiBkk4CjFLTHhSV1RIeDFRdUNLOWJRcExFaFJtTVZMK1NKR3I  
5ZGZVWEEExZGEK0M2TnRjNjRBWFZSVjR2RjRSBwJtUmGkDUtVUY4U29hbWVuemY3d3Q0Z01PbG5TU0dOQ  
itXcWNwSHUwMXpGSm1SUzdOd2dKVfDUY3h0Mzi4YVdTRnBFKwPCWTA5Z29TMldoL00yMktTdjYvMkU1cVJ  
4L0toQXVus2VySExWwMQ1WHQzWlpMwmdsbERNMHpubFRFV2RSOfcxClNCUmK3U3Zzd3djK0M0Ymp0V1EzQ  
mI2SUhmeWhMdWxrbExPR3FvSUF1UFowQWxVmlFidk0rYkRGQ0JtdnpQWjAKREFmMHEvaTAzMVARUFB1cEM  
4bjloN2krbmtocGZYVFBzeWwzamZnL1YybFkxSVI5TctiNVAvZ0VNd1F6OU5ZSApRc1AzOGdoa01BVEEvN  
mYzbzR4c09RZG1BMFk4cUxldFp6TFVKAfJjT1NuWEdXVStwY293bVpzdDNlcWcxNth1CmNFLzRqTFBsV2Z  
WcjE2aWNjVjNyWkI5aWJhaUNXaEiwcHBZQWVvYkV1NkMvSGhOQ1d2OXhJSD1jWdUrL29obkUKK3RSSDA4b  
kRZbUFuWXBxYjIxZFhBb0lCQVFEa1ZzWDFHTmV2dHFSchEYeg9HeFpteG5MWGx3aj1hUmdXcmpWegpJN1R  
jVUFhL3VmTjkrVSthRHVabVBxaHE1Mmk4Nwp6MTFLUVhEakxsOWd0TDCvbDFtNk5mHRBR0d2YwtPc1NWC  
m9jQnpNSncxa1JrRjd2Z01BVnMrZ3RPdVJpTVNHUG5EVVUrV3F4TDhSQ1dzYkFZOE9TWws1UWRhm3ZCMTF  
GWG8KNTd1ZkFZQ01STGpXWX1NOVDkeE1QOHU4ekFpT01XWVNPcnVKM1dLb21pTVhIYVA1b0R0RXhHNzVPd  
2kyemgzBQo4NSs00Gx2TGxsDjZlejk0UEVCTHsYjF5Mk1Rb0IrZS9XT1AwRE8wUGRIYzdpOG1kdEZJRfg  
v0WJEa3YwdlgxCnZ2Rys5NFBQY1dCSkhGMEh3dFp5VU1VVBaL3pSL0dtK1dXVjBZR1M1Y2tBS1lQbkFvS

UJBUURuanZRbDV5UHgKaUFBRHhnMFpCMks3NjdVUmhGRElkZUDFQXJBK0t6RnpEQjNoTDREMTVUaEd1bUJ  
2M2E30VdaNmpMVU9UOTJ4dwptUEoyMWhpQSt4aFI2eVZuWG8wUXY3eGE0UytIZnhjc05NZTF3MnVHYUR1M  
0c3NjloNmwwS1pXZFJITWQrSVdBCitrSGNhYVhuckMyNWJRu0QyaUtOeWhYUGIycEV6cDFYeUJ5V094Nk5  
CTTYrUC9sRnBNOUMwaVE40E9sMG1aNVAKQjNFcHh0MzUwZmF2bEVQNjcyRUZmMi8ybGdZbmgwcEVsTGZQS  
3VTSmozTXR2UWs2SkplWkdrWW9hQTAXM0x2aQpmcUtwZ1dsbHF50Ud3cUdscUY5SWdtV3A5NEowZ1BvNkE  
wQXU2QmxVWVVCm0YrSjY1NDdCbXk4RDJpbzhIbGdiCm9yVzgzeXNway8vUEFvSUJBUUM2Wk1NdnNsb1BEQ  
zdtTzVOQTRHdkc5ZFFsZlJ0UGtZewladzhtc0UwaFV3cFAKvKfJYU1Yd0RiSXBuAuc1KzVld3YxMXFINms  
4UXF2eU5qKzNrelQ0NzdSTFBKUWUvRkIrbUxIcnhFCHRBNOx0MwpVM2pMeVNrZTA3U2lNTFdQbTUXaFZWw  
DhCTk10VWhVcmJJMjhWR282bXdReU5ldHRHSFArRzVrTm1LMDF2VW9vCjhzQlg4WkdBc1d3S1psbHdBc1l  
4SDc1c3Z4ajhENFPMejVjNWRXNjNoVDhjZ2FWOU9kMkJMSHhVWFJOVExEUVCkMnVTMmNnbDdvdU54Y1MwW  
GRERFhGWDc2a0NtVHE0ZXBhS1Y1M2MwTGZ3NlQzTUZRskJvQ21obEJ30ThmWG5tQgpIcm5VdEp5VWkwMzI  
veGZEcFBnTzVmbXpyZjVvOEI3dnhUZnhNSzZkQW9JQkFRRE9PwnVwTWd6cDdFU1BGOURNCmJLNTdUTF1MT  
HJzL2ZQVG11L280dEFFc1JDeE1SQ0ZuWGNqYnc5dWxaVnFXbWoxVmVGZUtMVDV2b1ZlN2pIdHcKUzdCaUx  
MazRNW1lTeDZBNwsvbmZnOG1nZmpVcTVTc2JIak9vcFZZZnQvV3IxZWxBa2hpd0pZakkwSmpkYzEzbApVW  
XU3YTZNc3hwwXqMGdUWVZmVWh1ck5waFFIbKfSZWNGeXNSWTk4ZmdaMHJYREdZWxhKwXhNQNwQVFjK04  
zCnZZNGsyemdjQVJ0NGFRSFBLOWU1VnAxSEXPZnk0bkY5TGJ2WGPwYnRhRzkzVkZZTl1IWDdkV11EbHVMS  
mNjN3IKVKNVYnNQV0Q4c3RCYVppZ1lpYldGZ1JJckdKNkpBMkMvOF1KQ3NXU3ppMXVzZ1dT2J1SnFVQ3h  
CQjAxwTlBdQpESGd6QW9JQkFBU1MwSm8xRGpkQWNU0UNKQ0hqUFpkTFR1bWVvVuxJLzUvU1FIc2dyNVBHL  
0wwMU12dXFwVaVBGCjBvN0ZBdExSOTJaZm81VEhiZGlzR3V0dHVWk01mVm9RdzlHSzI5bkfYVm9sKy9DSXJ  
DanHTRVhmOGtQV1B0cDEKwGF4QUw4VDIzBdPRX4ajJpa00veTRyRERVN3RJB1NvdExoZDlqd29FcSsyQ  
mQrN11iSvo2b1NoMFlrTEVEMwp2K29tdEx6emljV0h5UmlhZDRlaklsU29XRjYxd0ZvVh1kNWZKUXYzYmp  
kUmJoYncrVDJvTnJid24rR2FjZ2pmCkt1dXFJb21Taz1xWFZscXVGRVNMd2JpbUxSZm9YTU43NndWV09YM  
HRRSjRrZWJaQzN3Y0pEMVBuR2FRcXBQVzIKSEY1a3NYS1FzQnAxW1NyRjA0V01UQ1hGbKvIW1JHYz0KLS0  
tLS1FTkQgUFJJVkfURSBkVktLS0tLQo="

SWISH\_SSL\_ROOT\_CA="LS0tLS1CRUDJTtBDRVJUSUZJQ0FURS0tLS0tCk1JSURqakNDQW5hZ0F3SUJBZ01  
RQXpyeDVxY1JxYUM3S0dTeEhRbjY1VEF0QmdrcWhraUc5dzBCQVZzRkFEQmgKTfVzd0NRWURWUWFHRXdKV  
lV6RVZNQk1HQTFVRUNoTU1SR2xuYVVOBGNuUWdTVzVqTVJrd0Z3WURWUWFMRXhCMwpkM2N1WkdsbmFXTmx  
jb1f1WTI5dE1TQXdIZl1lEVlFRREV4ZEVhV2RwUTJWeWRDQkhiRzlpwVd3Z1VtOXZkQ0Jlck1qQWVGdzB4T  
XpBNE1ERXhNakF3TURCYUZ3MHPREF4TVRVE1qQXdNREJhTUdFeEN6QUUpCZ05WQkFZVEFsv1LQKTJVd0V  
3WURWUWFLRX4d4RWFZXHBRMlZ5ZENCsmJtTXhHVEFYQmdOVkJBc1RFSGQzZHK1a2FXZHBZMlZ5ZEM1agpiM  
jB4SURBZUJnTlZCQU1URjBSfFoybERaWEowSUVkc2IySmhiQ0JTYjI5ME1FY3lNSU1CSWpBTkJna3Foa2l  
HCjl3MEJBUUVGQUFPQ0FROEFNSU1CQ2dLQ0FRRUF1emZ0Tk54N2E4bXlhSkN0U25YL1Jyb2hDZ2l0OVJsV  
XlmdUkKMi9PdThqcUprVHg2NXFzR0dtdlByQzNvWGDra1JmCG1tbjdXbzZ0KzRGUjFJQVdzVUx1Y1l4cHN  
NTnphSHhteAoxeDd1L2RmZ3k1U0RONjdzSDBOTzNYc3MwcjB1cFMva3FiaXRPdFNacExZbDZadHJBR0NTW  
VA5UElVa1k5MmVRcNEyRUduSS95dXVtMDZaSXlhN1h6VitoZEc4Mk1IYXVWQkpW5jh6VXRsdU5KYmQxMzQ  
vdEpTN1NzVlFlcGo1V3oKdENPN1RHMUY4UGFwc3BVd3RQMU1wWXduU2xjVWZJS2R6WE9TMHhaS0JneU1VT  
kdQSGdtK0Y2SG1JY3I5ZytVUQp2SU9sQ3NSbktQWnpGQlE5Um5iRGh4U0pJVFJ0cnc5RkRLWkpYnE3bk1  
XeE00TXBoU1EQVFBQm8wSXdrREFQckJnTlZlUk1CQWY4RUJUQUJBuUgVtUE0R0EXVWREd0VCL3dRRUF3S  
UJoakFkQmdOVkhRNEVGZ1FVVG1KVU1CaVYKNXV0dTVnLzYrcmtTN1FZWGp6a3dEUVlKS29aSWh2Y05BUUV  
MQlFBRGdnRUJBR0JuS0pSdKRaGo2ekhkNm1jWQoxWwW5UE1XTFNuL3B2dHNyRjkrd1gzTjNLaklUT1lGb  
lFvUWo4a1ZuTmV5SXYvaVBzR0VNTktTdUlFeUV4dHY0Ck51RjIyZCttUXJ2SFJBaUdmeLowSkZyYWJBMFV  
XVFc50GtuZHRoL0pzdzFIS2oyWkw3dGN1N1hVSU9HWl1gXtkCRmR0b20vRHpNT1UrtWVLtmhKN2ppdHJhb  
Go0MUU2VmY4UGx3VUhCSFFSR1hHVTdBajY0R3hKVVRGeThiSlo5MQo4ckdPbWFGdkU3RkjjZjZJS3NoUEV  
DQlYxL01VUmVYZ1JQVHF0NVV5a3c3K1UwYjZMSjMvaXl1NVMSa0pSYVRlCnBmaWFXtjBiZlZlZmpsBERpS  
UdrbmliVmI2M2REY1kzZmUwRGtodmxkMTkyN2p5TnhGMVdXNkxawm02ek5UZmwKTXJZPQotLS0tLUVORCB  
DRVJUSUZJQ0FURS0tLS0t"