Technical Design

Data Model

User

Minimal User (saved in other entities)

Website

Store - UserModule

State
loggedinUser

Getters
user

Actions login logout

Store - WebsiteModule

State websites, currWebsite

Getters websites, currWebsite

Actions addElement, removeElement, removeWebsite, addWebsite

Sockets

1)Socket is connected when entering edit, and closed when leaving edit.
2) Socket is connected when entering chat, and closed when leaving it.

Sockets Protocol

1)
on
elementChanged(element)

emit
elementChanged(element)

2)
on
connection()
roomMsg(txt)
newMsg(this.state.line)

emit
connection()
roomMsg(txt)
newMsg(this.state.line)

Pages and Components

Pages

Page	Description	Routing
Homepage	Shows short explanation and link to dashboard and a few top rated templates.	/
Dashboard	shows a list of sites created by the user, if there are any. if there are no sites yet, show a "create your first site" link. shows a link/button that will send the user to the templates page.	/dashboard
Templates	Shows a filter, and a list of templates.	/templates
TemplateEdit	Allow creating, updating (and deleting) elements and the website	/template/edit/:id?
TemplateDetails	view the selected template	/template/:id
LoginSignupPage	Login / Signup	/signup

Components

Component	Props	Emits	Description
TemplatePreview	template		Preview of the template with links to view/edit template
TemplateList	templates		display list of templates
Filter			filters a template
chat			Allow users to chat

Used Techs and APIs

Ajax and REST API
CRUDL for stations with axios and Node.js

Authentication
User/password and server session

Storage
Cloudinary to store users profile and station images

Database
Mongodb on Atlas cloud databases

Web Sockets
Multi room with a Socket per station

Youtube API
Add and play songs from Youtube based on user search

Share LAMA LO KATOV PO VLADDD ?!?!?!?!? ZE ARAI A KRAADDDDD .... EFO ATA VLAD?!?!?!?!
Share to Facebook (if time permits)

Thanks