

Specification

The aim of this project is to deliver a platform, allowing users to sign up to a choice of monthly subscriptions in order to gain access to a dashboard.

Once in the dashboard, the user is able to select Facebook groups to monitor whether public or private and whether in the group or not, and select the keywords that trigger email and SMS notifications to the user via SMS and email.

The chosen supplier will be required to deliver the below specification in full.

1: User Authentication and Subscription Management

- Implement user authentication to allow users to create accounts and log in
- Integrate a subscription management system to handle monthly payments and user Subscriptions.

2. Keyword Detection:

- Develop a keyword detection algorithm to identify specific words or phrases within the Facebook Group posts that our API will pull into the system
- Only show posts in the backend for the user that include their keywords. The API collects post content, post URL and time.

3. Notification System:

- Integrate an email service (such as SMTP or a third-party service like SendGrid) to send email notifications.

Integrate an SMS service (Such as Twilio) to send SMS notifications

- Create email templates for different types of notifications (e.g., new keyword found, subscription confirmation, payment receipt).

4. User Dashboard:

- Create a user-friendly dashboard where users can manage their subscriptions, specify keywords, and view notification history.
- Provide options for users to customize notification settings, such as frequency and the format of notifications.
- The platform MUST be mobile optimised, giving a good UX on mobile, tablet as well as desktop

5. Package Choice Widget:

- Create a package choice widget to sit on the front end of the website that will link to the basket and allow users to visit their dashboard once successfully completing the transaction

6. Payment Gateway Integration:

- Integrate a payment gateway (such as Stripe, PayPal) for handling subscription payments securely.
- Implement recurring billing to automatically charge users on a monthly basis.

7. Super Admin

In the context of the specific project we are discussing—a web-based application designed to monitor specific Facebook Groups for particular keywords and manage user subscriptions—the Super Admin panel plays a crucial role.

8a. User Management:

- **Add/Edit/Delete Users:** The Super Admin can add new users, edit existing user profiles, and remove users when necessary, ensuring streamlined user management.
- **View Users:** A robust user overview feature allows the Super Admin to view users comprehensively, facilitating better understanding and management of the user base.

8b Subscription Management:

- **Pending and Expiring Subscriptions:** The Super Admin can monitor pending subscriptions, addressing any issues promptly.
- Additionally, the panel provides insights into subscriptions nearing expiration, enabling proactive actions to retain users.

9. Hosting:

- The platform will be hosted on our own VPS

Prototype Screenshots:

Pro Plan

Group Count

Keyword Count

Rudy Genave
rudygenave1@gmail.com



Keywords

Search keywords...

+ Add keyword

plumber Posts: 1 Comments: 1 [Eye] [Pencil] [Star] [Trash]	roofer Posts: 0 Comments: 1 [Eye] [Pencil] [Star] [Delete]	cleaner Posts: 0 Comments: 1 [Eye] [Pencil] [Star] [Trash]	mechanic Posts: 0 Comments: 1 [Eye] [Pencil] [Star] [Trash]
electrician Posts: 2 Comments: 4 [Eye] [Pencil] [Star] [Trash]			

Pro Plan

Group Count

Keyword Count

Rudy Genave
rudygnve@gmail.com



Groups

Search groups...

+ Add group

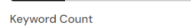
Group	Status	Posts	Comments	Actions
-------	--------	-------	----------	---------

Add your first group

+ Add group

Pro Plan

Group Count



Keyword Count









Rudy Genave
rudygne@gmail.com



Groups

Search groups...

+ Add group

Group	Status	Posts	Comments	Actions
 NextJS Developers https://www.facebook.com/groups/274791304282884	approved	2	2	  
 Canva Designers https://www.facebook.com/groups/canvausers	pending	-	-	
 Hubspot Certified https://www.facebook.com/groups/837048876434643	denied	-	-	

Murphy

- Dashboard
- Groups & Keywords
- Posts & Comments
- Settings

Pro Plan

Group Count

Keyword Count

Jane
jane@gmail.com

Dashboard > Settings > Subscription

Account Security Subscription

You are currently subscribed to the **Pro** plan.

Manage Subscription
Cancel Subscription

Plans & Pricing

Monthly Yearly

Starter	Pro	Advanced
<p>\$14.99/month</p> <p>Good for testing.</p> <ul style="list-style-type: none"> ✓ 2 Groups ✓ 1 Keyword ✓ Unlimited SMS & Emails Daily <p style="text-align: center; background-color: #2c3e50; color: white; padding: 5px;">Choose plan</p>	<p>\$19.99/month</p> <p>Start developing your interest.</p> <ul style="list-style-type: none"> ✓ 10 Groups ✓ 10 Keywords ✓ Unlimited SMS & Emails Daily <p style="text-align: center; background-color: #2c3e50; color: white; padding: 5px;">Subscribed</p>	<p>\$24.99/month</p> <p>Access unlimited perks</p> <ul style="list-style-type: none"> ✓ Unlimited Groups ✓ Unlimited Keywords ✓ Unlimited SMS & Emails Daily <p style="text-align: center; background-color: #2c3e50; color: white; padding: 5px;">Choose plan</p>

Get Started

Welcome to Murphy, create your account now

OR CONTINUE WITH EMAIL

First Name

Last Name

Email Address

Password

Confirm Password

Show Password

Continue

By clicking "Continue" you agree to our [Terms of Services](#)

Already got an account? [Login](#)

Project Milestones:

Milestone	Percentage	Invoice amount
Development of the front end system	20%	£TBC
Integration of API, successfully pulling in data	20%	£TBC
Development of notification system and testing	20%	£TBC
Deployment of the system, testing and launch	40%	£TBC