

Termination Project Report

As a requirement for
Master of Science in Computer Science degree

Report By:

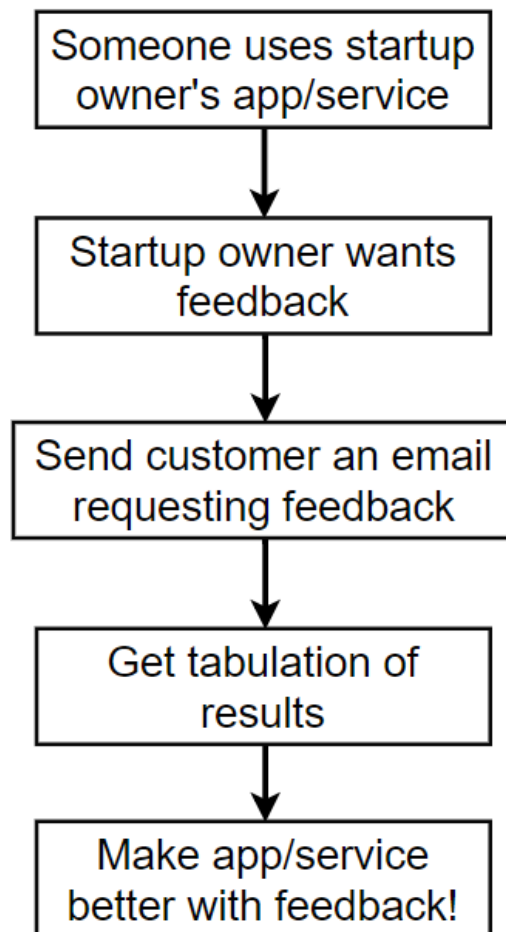
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1. Introduction

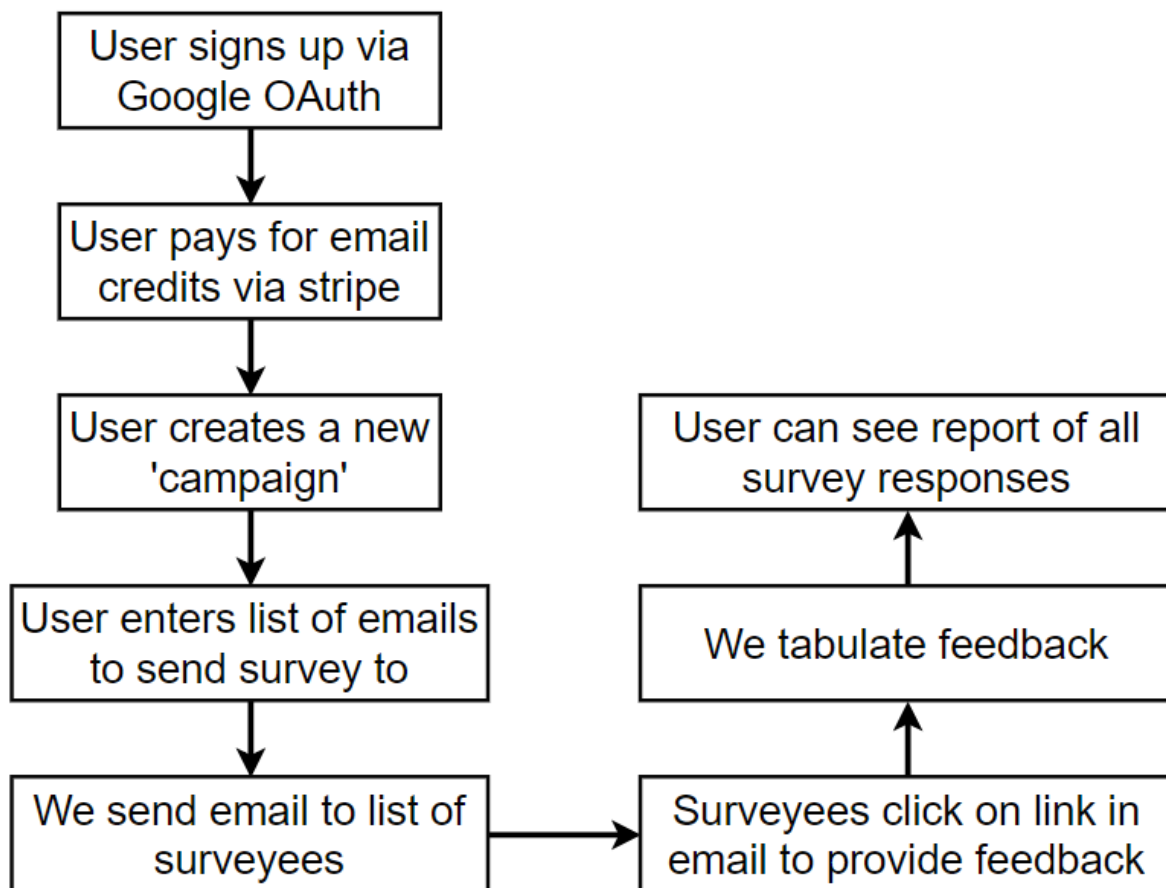
This project is intended for a product manager or an owner who has created and deployed some type of application or service. The product manager or owner needs to regularly check how the product is perceived by its users. Routine feedback from users help identifying potential problems or any changes necessary to the products. Feedback also helps to make application better. One approach to this scenario is to send email blast to all the costumers asking for feedback. Result from the feedback can be summarized and tabularized as per the product manager's requirements. This project tries to handle this scenario.



2. Application User Flow

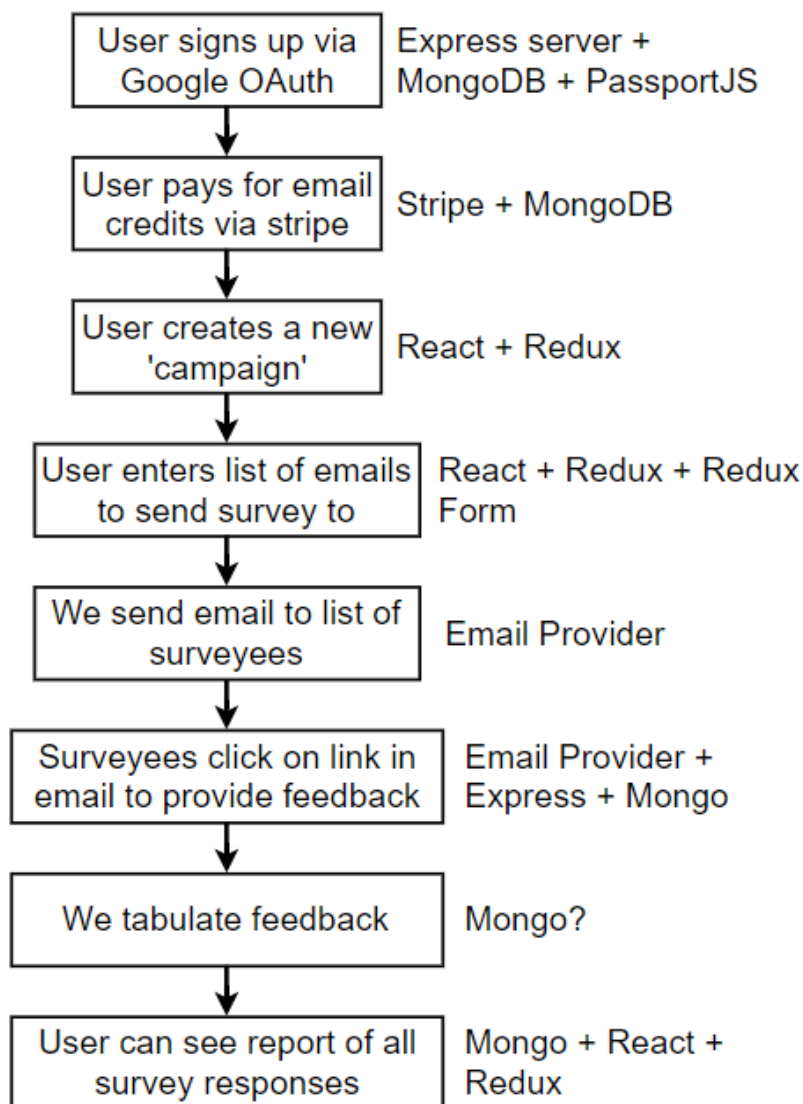
Application user that wants to the application must go through authentication and associate itself with the account. Authentication part of this project is done using Google OAuth. Whenever user signs in, user must buy credits to send out surveys. This application uses credit-based service where user will purchase some number for credits which will allow them to send out some number of surveys. This credit-based service is implemented using Stripe APIs.

User can create a campaign or survey to send out to all the surveys. The user will list all the emails that they want to send their survey to. Email is sent out all the recipients using SendGrid email service. Surveyors will click on the link provided in the email to provide their feedback. Result of the feedback is tabulated for the product manager to evaluate.



3. Technology Stack

- Google Authentication is done using Express backend server and storing user information inside of MongoDB. PassportJS is used to handle actual authentication and OAuth process.
- Credit-based service is implemented using Stripe service and information about the credits is stored in MongoDB database.
- Creating new survey is implemented using React and Redux. Survey forms are implemented using React, Redux and Redux forms.
- Emails are sent out using SendGrid email provider. Feedback is reported back to the application using Express server, SendGrid email provider and information regarding the feedback is stored in MongoDB database.



4. Screenshots

Landing Page:

FeedbackMe

Login with Google

FeedbackMe!

Collect feedback from your users.

Dashboard:

FeedbackMe		ADD CREDITS	Credits: 9	Logout
Test Survey				
Did you like our services?		Sent On: 5/7/2018		
YES: 0	NO: 0			



Add Credits:

FeedbackMe

ADD CREDITS

Credits: 9

Logout

Test Survey

Did you like our services?

YES: 0 NO: 0

FeedbackMe

\$5 for 5 email credits

Card number

MM / YY

CVC

☐ Remember me

Pay \$5.00

Sent On: 5/7/2018

Create New Survey:

FeedbackMe

ADD CREDITS

Credits: 9

Logout

Survey Title

Subject Line

Email Body

Recipient List

CANCEL

NEXT ✓

Confirm and Send:

FeedbackMe

ADD CREDITS

Credits: 9

Logout

Please confirm your entries

Survey Title

Survey#1

Subject Line

Subject Line

Email Body

Body

Recipient List

akulka16@binghamton.edu

BACK

SEND



Email Format:



no-reply@feedbackme.com via sendgrid.net
to abhijeet.kulka., me



May 7 (8 days ago)



Feedback Me!

Please answer the following question:

Did you like our services?

[Yes](#)

[No](#)