

**Department of Computer Applications.**  
**5<sup>th</sup> Sem MCA –MINI PROJECT**  
**Aug-Dec 2019**

**Synopsis**

**Project Title:** Bulk email aggregator

**Abstract:** A **Software as a service (SaaS)** web application that can be used to send mass emails to a big list of users for collecting feedback. The objective of the project to engage the users with automated emails. The users can also handle their credit cards and receive payments from other users with payment gateways like Stripe. With the use of Google OAuth authentication, we can enhance the authentication flow in the app.

**Software Requirements:**

- Front End: HTML5 & CSS3(Bootstrap V4.2.1)
- Back End: Node.js v11.8.0, Express.js v4.x, React.js v16.x
- Database: MongoDB v4.0.1
- Deployment: Heroku Cloud, MLab MongoDB Cloud

**Hardware Requirements:**

- OS: Windows, Linux and MacOS
- Processor: Pentium Dual-core and above CPU's
- RAM: 1GB and above

**Team Details:**

Sl.No	SRN	NAME	Signature
1	PES1201702013	Vijaykumar R Pai	
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