

MES COLLEGE OF ENGINEERING, KUTTIPPURAM  
DEPARTMENT OF COMPUTER APPLICATIONS  
20MCA246 – MAIN PROJECT

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**PRO FORMA FOR THE APPROVAL OF THE FOURTH SEMESTER MAIN PROJECT**

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*(Note: All entries of the pro forma for approval should be filled up with appropriate and complete information. Incomplete Pro forma of approval in any respect will be rejected.)*

Main Project Proposal No : \_\_\_\_\_  
(Filled by the Department)

Academic Year : 2021- 22  
Year of Admission : 2020

1. Title of the Project : SaaS Subscription Management Software
2. Name of the Guide : Priya JD
3. Student Details (in BLOCK LETTERS)

Name	Register Number	Signature
<u>MUHAMMED MUNEES M</u>	<u>MES20MCA2034</u>	

Date: \_\_\_\_\_

**Approval Status :**    Approved / Not Approved

Signature of  
Committee Members }

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**Comments of the Guide**

Dated Signature

Initial Submission : \_\_\_\_\_

First Review : \_\_\_\_\_

Second Review : \_\_\_\_\_

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**Comments of the Project Coordinator**

Dated Signature

Initial Submission: \_\_\_\_\_

First Review \_\_\_\_\_

Second Review \_\_\_\_\_

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Final Comments :

Dated Signature of HOD

### **Introduction:**

It is a subscription management software for SaaS that has an affiliate management system. It helps you to automate your subscription life cycle processes. One good thing about this subscription management software for SaaS is that it is affordable for both small, medium and large SaaS businesses. While software as a service (SaaS) is the most popular subscription type, more and more companies provide digital and even physical products as a subscription model. This type of software can be used by most departments of a subscription-based business, the most important being sales, marketing, and accounting.

### **Objectives:**

The subscription management software for SaaS helps you to get a consistent revenue and also predict the recurring revenue on a monthly or annual basis.

### **Problem Definition:**

Subscription management software for SaaS is a necessity for your business. It enables you to bill your customers at a specific fee through different payment options on a recurring basis. It manages payment details and transaction costs so that recurring revenue and customer subscriptions can be handled automatically.

### **Basic functionalities:**

- Keeps track of payment records and consumer information.
- Support for and/or integration with a payment gateway is available.
- Billing and contracts can be automated.
- Allows for automated payments through a variety of payment methods.

### **Tools / Platform, Hardware and Software Requirements**

The selection of hardware is very important in the existence and proper working of any software. Also, the size and capacity requirements are also important.

#### **Hardware Requirements**

- Processor: Pentium IV or above
- Primary Memory: 1GB Ram
- Storage: 500 GB Hard Disk
- Display: 9" monitor or above
- Keyboard: Standard Qwerty Keyboard
- Mouse: Standard Mouse

#### **Software Requirements**

One of the most difficult tasks is selecting the software for the system, once the system requirements are found out then we have to determine whether a particular software package fits for those system requirements. The application requirement includes:

- Editor: VS Code
- Technologies Used : Node.js, vue.js, mongo, graphql