TEAM MANAGEMENT TOOL SPECIFICATION (PMT)

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# **A. BACK-END**

## **1. Platform**

* M.E.A.N
* MongoDB
* Express
* AngularJS
* NodeJS
* Docker

## **2. Programming language**

* JavaScript

## **3. Function**

## **4. Requirement**

* Multi-user
* User streaming

# **B. FRONT-END**

## **1. Template platform**

* AdminLTE2

## **2. Programming language**

* CSS
* JS
* Angular
* HTML
* API

## **3. Interface**

### **3.1. Admin**

#### **3.1.1. Function**

* Granting the permission for whom it may concerns
* Granting the admin permission for another member.

#### **3.1.2. Pre-Design**

### **3.2. Leader interface**

#### **3.2.1. Function**

* Synchronizing data from CSCRM API
* Planning tool for coordinator (Based on Microsoft Project)
* Raising task for team members

#### **3.2.2. Pre-Design**

### **3.3. Member interface**

#### **3.3.1. Function**

* Taking over tasks from coordinator
* Providing TODO\_list to manage all tasks productivity
* Providing EM testcase generation tool and COM testcase generation tool

#### **3.3.2. Pre-Design**

### **3.4. Lab Booking interface**

#### **3.4.1. Function**

* Lab Booking tool (Calendar template)

#### **3.4.2. Pre-Design**

### **3.5. Laboratory Equipment interface**

#### **3.5.1. Function**

* Managing all of equipment in laboratory
* Available equipment list
* Damaged equipment list
* Managing lab owners
* Order plan

#### **3.5.2. Pre-Design**

### **3.6. Internal tool**

#### **3.6.1. Function**

* Internal tool list

#### **3.6.2. Pre-Design**

### **3.7. License**

#### **3.7.1. Function**

* License list

#### **3.7.2. Pre-Design**