**REQUIREMENTS PACKAGE FOR E-MAIL APPLICATION**

**DISCLAIMER**

* + An E-MAIL Application is a small project which I used to learn MEAN Stack technology, I got this idea when I interviewed for a position of software developer and for the interview, they told me to make Mail Application in which a User can compose, archive, view and delete the mail. Although I was not able to score the job, it gave me a great idea to learn new technology using project
  + Unfortunately, I do not exactly recall the company’s name so I am not able to give any references here. But the company was from Halifax, NS, Canada.
  + This project is just used for educational purpose, I am not creating or taking an ownership on the idea of this project. I would like to thanks the people who gave me this idea as I learn all technologies using this project.

1. Introduction:

An E-MAIL Application is a web-based Application which is used to compose, send, archive and delete an email.

Technological Stack used to the project is

M – MONGODB

E - EXPRESS JS

N – NODEJS

A – Angular JS

1. System Requirements
   1. High Level Requirements

|  |  |  |
| --- | --- | --- |
| Requirement Id (RID) | Requirement Title | Description |
| 1 | Home Page | The Home page of application should have information related to application and what it does |
| 2 | Login Page | User will use username and password to login in the web application |
| 3 | Inbox Page | As soon as User Logins to the application they should be able to view all the message  User should also be able to archive or delete the mail from the inbox  There should be a compose email button on the Inbox page using which User can send an email  User should be able to search the inbox using email address, subject line or any keywords  A link to archive page should be present on Inbox page  There should be a logout button to get User log out of the application |
| 4. | Compose Page | When User click on Compose button on Inbox Page there should be a card prompted in which there are 3 fields-To, From and Message. Along with that at the bottom of the card there should be 2 buttons- Send and Cancel |
| 5 | Archive Page | Archive page should display all the message that are moved to archive |

* 1. Detailed Requirements
     1. RID 1: Home Page: The Home page of application should have information related to application and what it does

|  |  |  |  |
| --- | --- | --- | --- |
| RID-Title | DRID | Detailed Description | Functional or Non Functional Requirement |
| 1-Home Page | 1.1 | User should be able to see the tile of the application like following  “WELCOME to E-MAIL APPLICATION” | Functional Requirement |
| 1.2 | There should be a paragraph below the Title giving the overview of application | Functional Requirement |
| 1.3 | A login button should be provided which will navigate to login page for the application | Functional Requirement |
| 1.4 | Message to accept or decline cookies for the application should be displayed | Functional Requirement |
| 1.5 | If User Accept the cookies than store than username and password entered in login. | Functional Requirement |
| 1.6 | If User Decline it do not store any information on the websites | Functional Requirement |

1. System Design
2. References
3. Version History