

# INTEGRAL UNIVERSITY LUCKNOW



**LAB REPORT - MINI PROJECT (CA-205)**

**PROJECT NAME :- IUL DISCUSS FORUM**

**SUBMITTED TO :- MR. AYAZ AHMAD SIR**

**TEAM MEMBERS:-**

NAME	ROLL NUMBER
Khushi Srivastava	1900101604
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**BRANCH/GROUP:- BCA (C)**

**YEAR/SEM. :- 2<sup>ND</sup>/3rd**

# ACKNOWLEDGEMENT

I respect and thank **Mr. Ayaz Ahmad sir**, for giving me an opportunity to do the mini project work by using programming knowledge and providing us all support and guidance which made me complete the project on time. I am extremely grateful to him for providing such a nice support and guidance.

His contribution in stimulating suggestions and encouragement , helped me to coordinate my project especially in writing this report.

The success and final outcome of this project required a lot of guidance and assistance from many people and I am extremely fortunate to have got this all along the completion of my project work. Whatever I have done is only due to such guidance and assistance and I would not forget to thank them.

As a head of this project me, **Khushi Srivastava** owe my profound gratitude to my team members, who took keen interest on our project work and guided us all along, till the completion of our project work by providing all the necessary information regarding the project of making **TO-DO List**.

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## **1. Overview**

This helps you listing everything that you have to do, with the most important tasks at the top of the list, and the least important tasks at the bottom. ... And by prioritizing tasks, you plan the order in which you'll do them, so that you can tell what needs your immediate attention, and what you can leave until later.

It is developed using html, CSS, JavaScript, bootstrap and PHP-MySQL.

## **2. Project Team**

**Khushi Srivastava - Head (frontend developer + javascript) - tokhushi@student.iul.ac.in**

her role in this project is very important because she has done all the frontend specially javascript code of the project management and guidance. She helped a lot while making this project.

**Km Ayushi - Team member (html css)**

she is the one who developed the front part of the project using html css and bootstrap.

**Mantasha Arfeen and Mazia Haider-helped in designing and documentation of the project.**

## **3. Goals**

### **Improved memory.**

Feeling forgetful? Nobody is capable of remembering everything at all times. To-do lists are a useful external memory aid.

### **Productivity**

If you record all your tasks in a to-do list, you can easily review the list and prioritize the most important tasks

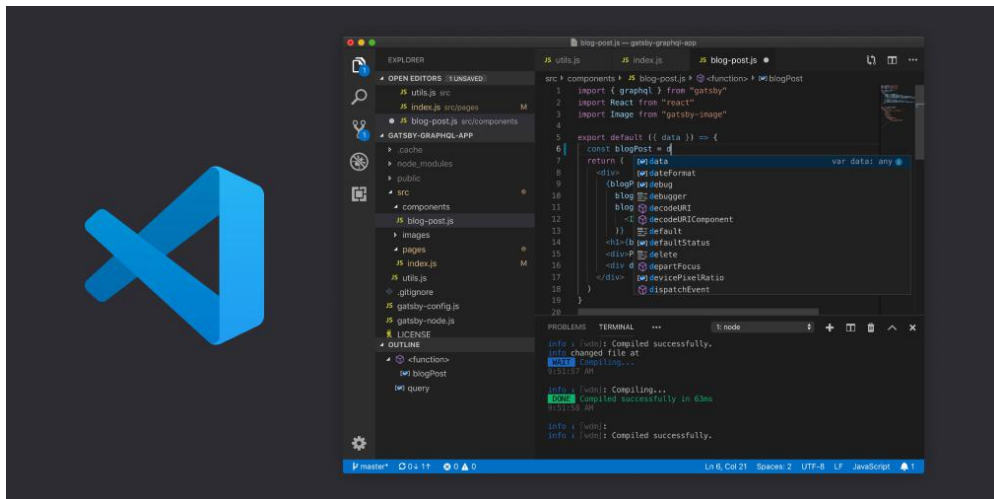
### **Motivation**

Listing the steps that you intend to take to accomplish that goal can help clarify your thoughts and give you achievable short-term goals

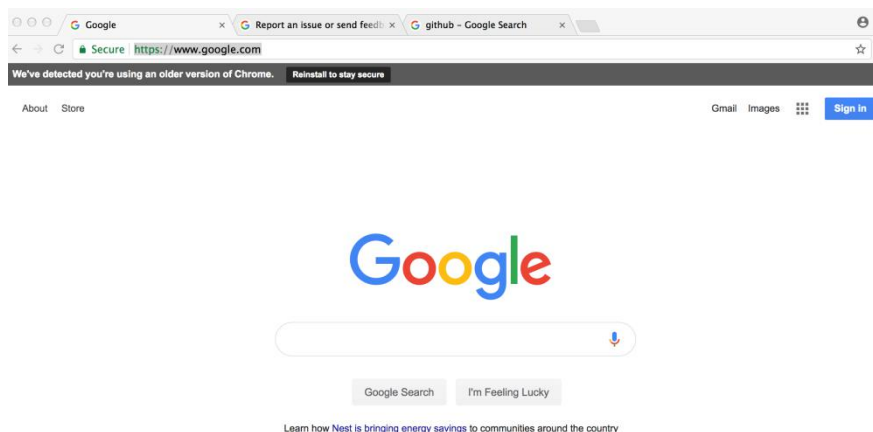
## 4.Required Software and programming languages

### Tools and its working:

**Vs code (Code editor/IDE)** - Visual Studio Code is a free source-code editor made by Microsoft for Windows, Linux and Mac OS. Features include support for debugging, syntax highlighting, intelligent code completion, snippets, code refactoring, and embedded Git.



**Chrome (Web Browser)**- Google Chrome is a cross platform web browser developed by Google. It was first released in 2008 for Microsoft Windows, and was later ported to Linux, Mac OS, IOS, and Android where it is the default browser built in to the OS.



## **5. Programming Language overview:**

**Html** – The full form of html is Hypertext mark up language it is use build the basic structure of the website.

**CSS**- The full form of the CSS is Cascading style sheet which is use to give the html templates colours, fonts, animations and many more which makes the website very beautiful and user friendly look.

**Bootstrap**- Boot strap is a CSS framework that helps to build website very beautiful in short time without written any line of html and CSS code. All the written codes are available on the website. Just copy the code and put into your html layout.

**JavaScript**- JavaScript is client side scripting language. It is the brain of the any website. JavaScript helps users to interact with website and also help to bring data from database with the help of server side scripting language. It is one of the most used and famous language is web development.

## 6. Specifications and Functionality

This is a simple and normal todo app where you can add your todo at daily basis and you can access through all over the world.

Any one can use it is very simple easy and userfriendly interface

Here is the home page of the my web app

My Todo's

HOME

Search

Search

TODOs List

Title

Add an item to the list

Description

Add to list

Clear list

Your Items

SNo	Item Title	Item Description	Actions
1	C++ Test	Today is my test at 5 pm	Delete
2	Assignment Mini	Last Date Today	Delete

© 2020 Copyright: [MyTodos.com](#)

## 7. Functionality:

There is two input button there:

1. Title input area here you can add your todo title heading
2. Description area input here you can add your todo description
3. After enter value in input area click on add to add button.
4. And there is a clear button where you can delete all your todos
5. And Below the input and description area Where you can see all your todos
6. And last there is a delete button where you can delete your completed todos

## 8 .Further Modification:

1. Login system
2. Registration System
3. Add to database to add are your todo to database
4. hosted on good server
5. buy a domain

## 9 .Source Code

### Html code

```
<!doctype html>

<html lang="en">

<head>

  <!-- Required meta tags -->

  <meta charset="utf-8">

  <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
```

```
<!-- Bootstrap CSS -->

<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/css/bootstrap.min.
css"

      integrity="sha384-
9aIt2nRpC12Uk9gS9baD1411NQApFmC26EwAOH8WgZl5MYxPfc+NcPb1dKGj7Sk" crossorigin="anonymous">
```

```
<title>TODOs List</title>

</head>
```

```
<body>
```



```

<!-- navbar starts here-->

<nav class="navbar navbar-expand-lg navbar-dark bg-dark">

  <div class="container">

    <a class="navbar-brand" href="index.html">My Todo's</a>

    <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent"

      aria-controls="navbarSupportedContent" aria-expanded="false" aria-
label="Toggle navigation">

      <span class="navbar-toggler-icon"></span>

    </button>

```

```

<div class="collapse navbar-collapse" id="navbarSupportedContent">

  <ul class="navbar-nav mr-auto">

    <li class="nav-item ">

      <a class="nav-link" href="index.html">HOME</a>

    </li>

  </ul>

  <form class="form-inline my-2 my-lg-0">

    <input class="form-control mr-sm-2" type="search" placeholder="Search" aria-
label="Search">

    <button class="btn btn-outline-success my-2 my-sm-0" type="submit">Search</button>

  </form>

</div>

</div>

</nav>

<!-- navbar ends here -->

```

```

<div class="container my-4">

  <h2 class="text-center">TODOs List</h2>

```

```

<div class="form-group">

  <label for="title">Title</label>

  <input type="text" class="form-control" id="title" aria-describedby="emailHelp">

```

```
<small id="emailHelp" class="form-text text-muted">Add an item to the list</small>

</div>
```

```
<div class="form-group">

  <label for="description">Description</label>

  <textarea class="form-control" id="description" rows="3"></textarea>

</div>
```

```
<button id="add" class="btn btn-primary">Add to list</button>

<button id="clear" class="btn btn-primary" onclick="clearStorage()">Clear list</button>
```

```
<div id="items" class="my-4">

  <h2>Your Items</h2>

  <table class="table">

    <thead>

      <tr>

        <th scope="col">SNo</th>

        <th scope="col">Item Title</th>

        <th scope="col">Item Description</th>

        <th scope="col">Actions</th>

      </tr>

    </thead>

    <tbody id="tableBody">

      <tr>

        <th scope="row">1</th>

        <td>Get some Coffee</td>

        <td>You need coffee as you are a coder</td>

        <td><button class="btn btn-sm btn-primary">Delete</button></td>

      </tr>
```

```
</tbody>

</table>
```

```
</div>
```

```
<!-- Footer -->

<footer class="page-footer font-small special-color-dark pt-4">

  <!-- Copyright -->

  <div class="footer-copyright text-center py-3">© 2020 Copyright:

    <a href="/index.html"> MyTodos.com</a>

  </div>

  <!-- Copyright -->
```

```
</footer>

<!-- Footer -->

</div>
```

## Javascript Code

```
<!-- Optional JavaScript -->

<!-- jQuery first, then Popper.js, then Bootstrap JS -->

<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"

  integrity="sha384-DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBN+E+IbbVYUew+OrCXaRkfj"

  crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js"

  integrity="sha384-Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo"

  crossorigin="anonymous"></script>

<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"

  integrity="sha384-OgVRvuATP1z7JjHLkuOU7Xw704+h835Lr+6QL9UvYjZE3Ipu6Tp75j7Bh/kR0JKI"

  crossorigin="anonymous"></script>

<script>

  function getAndUpdate() {
```

```

    console.log("Updating List...");

    tit = document.getElementById('title').value;

    desc = document.getElementById('description').value;

    if (localStorage.getItem('itemsJson') == null) {

        itemJsonArray = [];

        itemJsonArray.push([tit, desc]);

        localStorage.setItem('itemsJson', JSON.stringify(itemJsonArray))

    }

    else {

        itemJsonArrayStr = localStorage.getItem('itemsJson')

        itemJsonArray = JSON.parse(itemJsonArrayStr);

        itemJsonArray.push([tit, desc]);

        localStorage.setItem('itemsJson', JSON.stringify(itemJsonArray))

    }

    update();

}

```

```

function update() {

    if (localStorage.getItem('itemsJson') == null) {

        itemJsonArray = [];

        localStorage.setItem('itemsJson', JSON.stringify(itemJsonArray))

    }

    else {

        itemJsonArrayStr = localStorage.getItem('itemsJson')

        itemJsonArray = JSON.parse(itemJsonArrayStr);

    }

    // Populate the table

    let tableBody = document.getElementById("tableBody");

    let str = "";

    itemJsonArray.forEach((element, index) => {

        str += `

                <tr>

```

```

        <th scope="row">${index + 1}</th>

        <td>${element[0]}</td>

        <td>${element[1]}</td>

        <td><button class="btn btn-sm btn-
primary" onclick="deleted(${index})">Delete</button></td>

    </tr>`;

    });

    tableBody.innerHTML = str;
}

add = document.getElementById("add");
add.addEventListener("click", getAndUpdate);

update();

function deleted(itemIndex) {

    console.log("Delete", itemIndex);

    itemJsonArrayStr = localStorage.getItem('itemsJson')

    itemJsonArray = JSON.parse(itemJsonArrayStr);

    // Delete itemIndex element from the array

    itemJsonArray.splice(itemIndex, 1);

    localStorage.setItem('itemsJson', JSON.stringify(itemJsonArray));

    update();
}

```

```

}

function clearStorage() {

    if (confirm("Do you areally want to clear?")) {

        console.log('Clearing the storage')

        localStorage.clear();

        update()

    }

}

</script>

</body>

```

```

</html>

```



