TO-DO APPLICATION PROJECT REPORT

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AGENDA

- INTRODUCTION
- LITERATURE SURVEY
- THEORITICAL ANALYSIS
- RESULT
- ADVANTAGES & DISADVANTAGES
- APPLICATIONS
- CONCLUTIONS
- FUTURE SCOPE

INTRODUCTION

1.0 OVERVIEW ABOUT TO-DO APPLICATION

- Todo Lists are the lists that we generally use to maintain our day-to-day tasks or list of everything that we have to do, with the most important tasks at the top of the list, and the least important tasks at the bottom. It is helpful in planning our daily schedules.
- By keeping such a list, you make sure that your tasks are written down all in one place so you don't forget anything important.
- There are different kind of lists we can use in our To Do app for example weekly list – a list of all the tasks that you have completed in one week Similarily done lists ,important lists and so on are also available in to applications

1.2 PURPOSE OF TO-DO APPS

- To-do lists offer a way to increase productivity, stopping you from forgetting things, helps prioritise tasks, manage tasks effectively, use time wisely and improve time management as well as workflow.
- By using to do app we can achieve the following things

  1.reduces stress

  2.allows for more personal time

  3.reduces anxiety and improves mental health

  4.creating attainable goals

  5.set dead lines for each goal

  6.be realistic and prioritize our goals

2.LITERATURE SURVEY

2.1 Existing Problem

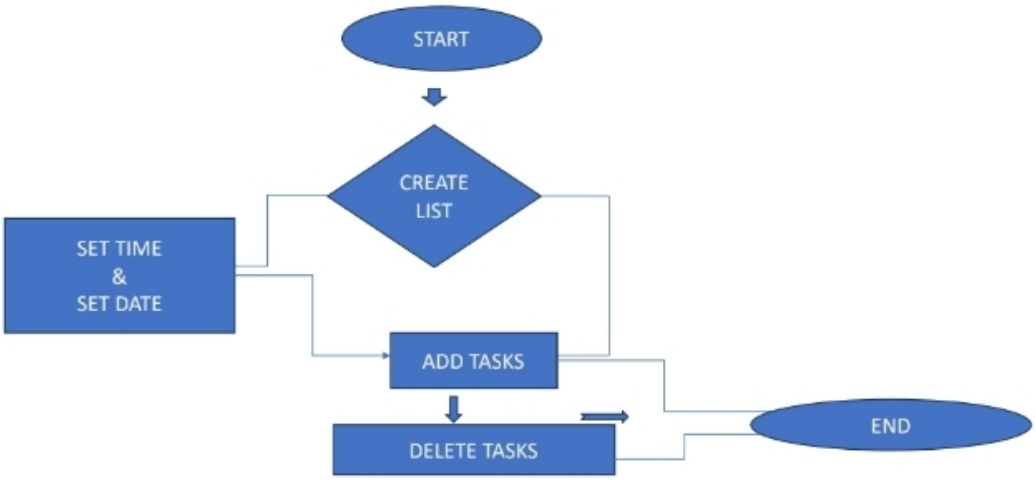
- Social media and other easily accessible online distractions make it hard for us to stay focused on our tasks and make it difficult for us to do our work efficiently Also constantly switching between tasks may give us the false feeling that we are being productive when we are, in fact, not. It's more important for us to prioritize tasks and work on those that are most important, rather than focusing on deleting small items from our to do list just for the sake of appearances.
- we can solve this problem by setting our sehedules with reminders setting in to do applications.

2.2 PROPOSED SOLUTIONS

- The goal of this app is to help us become more aware of how we spend time in the process of doing those tasks and how productive that time is. It can help set some constraints on social media to reduce distraction and track the time we spend working on the todo items. When we have a better sense of the estimated time we'll need to spend on our tasks, along with the validated time spent on the items for reference or personal/team reviews, we are able to manage our daily routines more efficiently.
- Todo apps are widely used, but different users use the apps differently depending on their particular needs. In order to identify the problems faced by users of todo apps, I conducted research to develop an understanding of the market and users' needs.

3 THEORITICAL ANALYSIS

3.1 BLOCK DIAGRAM



3.2 HARDWARE OR SOFTWARE REQUIREMENTS

- The different operating system versions that we wil ll need to be able to use Todo List on your web browser, desktop, or mobile device:
- OPERATING SYSTEM : → WINDOWS 10
- HARDWARE COMPONENT:→ VS CODE APK

Visual Studio Code, also commonly referred to as VS Code, is a source-code editor made by Microsoft with the Electron Framework, for Windows, Linux and macOS.

SOFTWARE COMPONENTS:→ Google Chrome is an example of an application software called a Web Browser.

WE ARE DESIGNING OUR TO DO APP BY WRITING THE CODE IN VS CODE AND RUNNING IT ON CROME {WEB BROWSER} IN WINDOWS 10

THESE ARE MY REQUIREMENTS FOR TO DO APP

Hardware / Software Designing

Code of HtmL

```
<!DOCTYPE html>
<html lang="en">

<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.(
<link rel="stylesheet" href="index.css">
<title>Task Manager</title>
</head>

<body>
<h1 class="leader"></h1>
<div class="box-1">
<h2 class="to-do-heading"><u>To-Do list</u></h2>
<img src="icon.png"
alt = "icon not load"
class="icon-img"/>
<div class="container">
<div class="input-container">
<input type="text" id="task-input" placeholder="Enter task">
<button id="add-btn">Add</button>
</div>
<br>

<div id="calendar-picker-container" class="input-container">
<label for="calendar-picker">Select date:</label>
<input type="date" id="calendar-picker">
<button id="calendar-save-btn">Save</button>
</div>
<br>
<div id="time-picker-container" class="input-container">
<label for="time-picker">Select time:</label>
<input type="time" id="time-picker">
<button id="save-btn" >Save</button>
</div>
</div>
<div class="card-container" id="card-container">

</div>

<script src="script.js"></script>
<h2> <u>Saved Tasks</u></h2>
</body>

</html>
```

HTML OUTPUT

To-Do list

icon not load

Enter task Add

Select date: dd-mm-yyyy Save

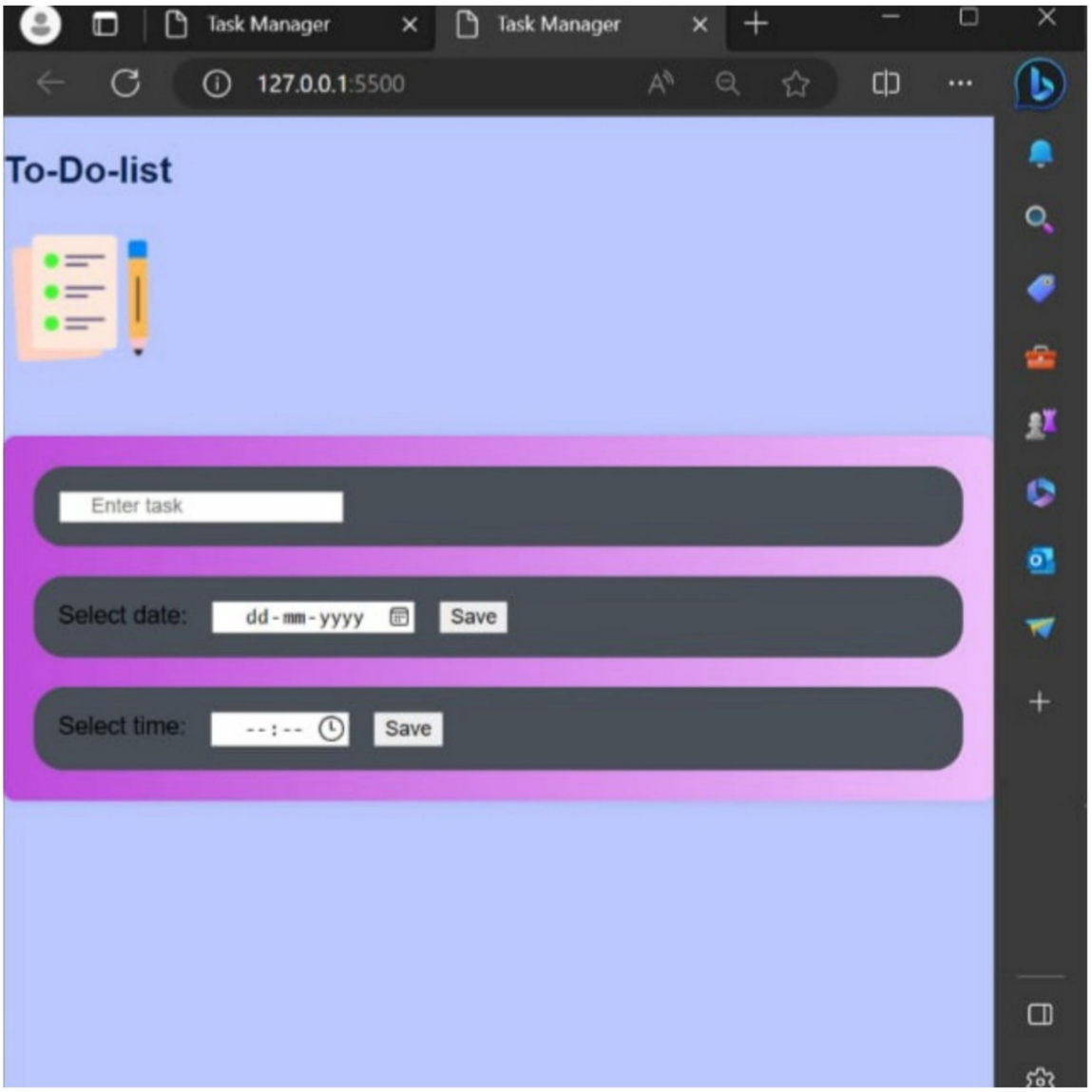
Select time: --:-- Save

Saved Tasks

Code of css

```
body {
font-family: Arial, sans-serif;
margin: 0;
padding: 0;
background-color: #00FFFF;
}
.container {
max-width: 800px;
margin: 20px auto;
padding: 20px;
background: linear-gradient(to right,#db4b93,#d599c6);
border-radius: 8px;
box-shadow: 0 0 8px rgba(0, 0, 0, 0.1);
}
.container:hover{
box-shadow: 0px 0px 30px 10px #fff3bf;
}
.input-container {
display: flex;
flex-direction: row;
gap : 1rem;
background-color: hwb(161 17% 45%);
padding : 1rem;
border-radius: 20px;
}

.to-do-heading{
color : hsl(312, 87%, 15%);
}
.icon-img{
margin-bottom : 1rem;
}
input{
padding-left: 20px;
}
#add-btn {
font-weight: 700;
width: 30%;
cursor : pointer;
background-color:#f44336;
color: #495057;
display: none;
}

.card-container {
display: flex;
flex-wrap: wrap;
gap: 10px;
width:100%;
}

.card {
border: 1px solid #ccc;
padding: 10px;
align-content: center;
margin-bottom: 10px;
border-radius: 4px;
box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);
width:400px;
}

.card.important {
border-color: #f44336;
}

.action-container {
margin-top: 10px;
}

.important-icon {
color: #f44336;
}
```

CSS OUTPUT

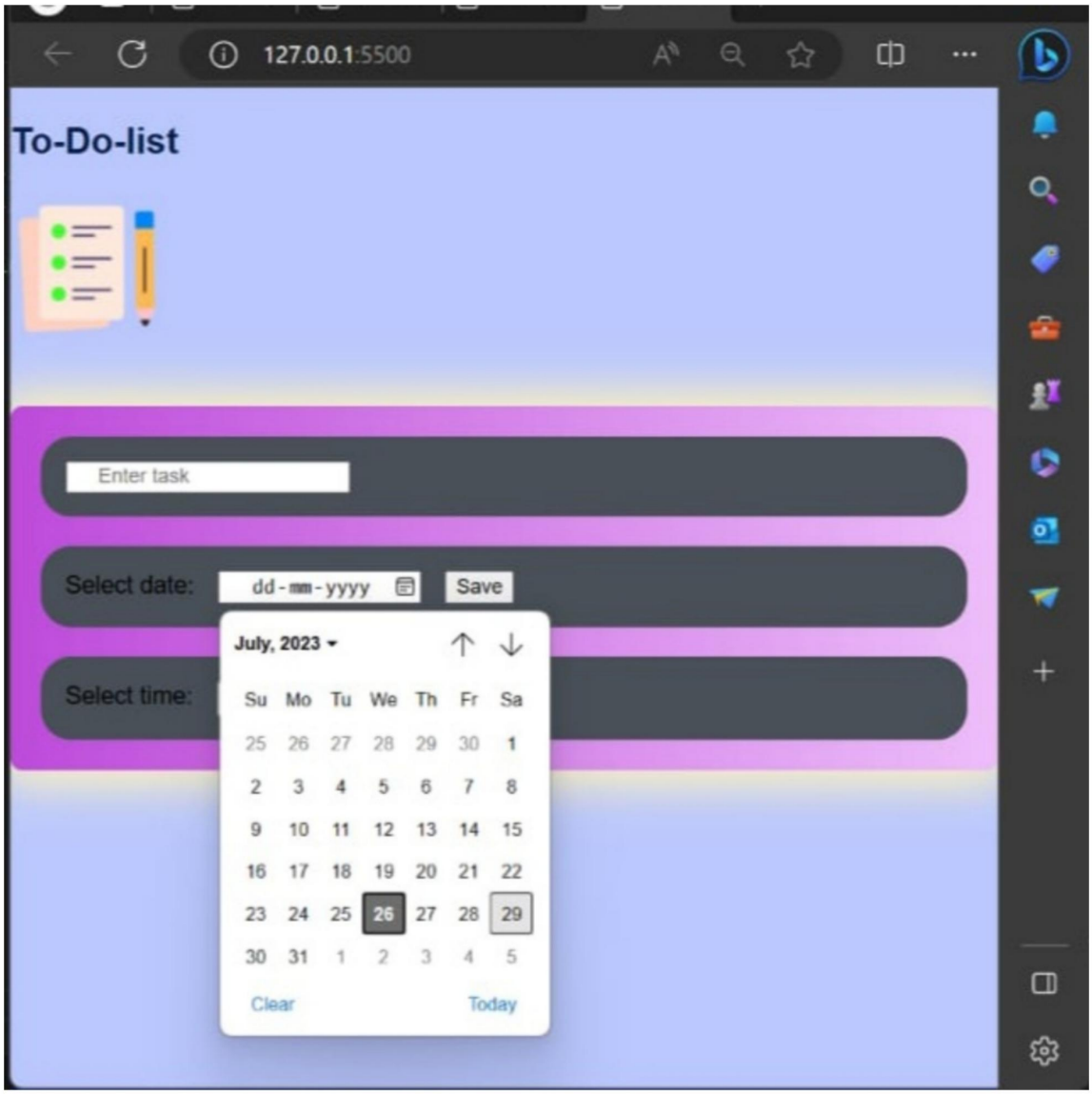

Task Manager
Task Manager
127.0.0.1:5500
To-Do-list
Enter task
Select date:
dd-mm-yyyy
Save
Select time:
--:--
Save

CODE OF JS

```
const todoInput = document.querySelector(".todo-input");
const todoButton = document.querySelector(".todo-button");
const todoList = document.querySelector(".todo-list");
const filterOption = document.querySelector(".filter-todo");

document.addEventListener("DOMContentLoaded", getLocalTodos);
todoButton.addEventListener("click", addTodo);
todoList.addEventListener("click", deleteCheck);
filterOption.addEventListener("change", filterTodo);

function addTodo(event) {
    event.preventDefault();
    const todoDiv = document.createElement("div");
    todoDiv.classList.add("todo");
    const newTodo = document.createElement("li");
    newTodo.innerText = todoInput.value;
    newTodo.classList.add("todo-item");
    todoDiv.appendChild(newTodo);
    //ADDING TO LOCAL STORAGE
    saveLocalTodos(todoInput.value);

    const completedButton = document.createElement("button");
    completedButton.innerHTML = '<i class="fas fa-check-circle"></li>';
    completedButton.classList.add("complete-btn");
    todoDiv.appendChild(completedButton);

    const trashButton = document.createElement("button");
    trashButton.innerHTML = '<i class="fas fa-trash"></li>';
    trashButton.classList.add("trash-btn");
    todoDiv.appendChild(trashButton);

    todoList.appendChild(todoDiv);
    todoInput.value = "";
}

function deleteCheck(e) {
    const item = e.target;

    if(item.classList[0] === "trash-btn") {
        const todo = item.parentElement;
        todo.classList.add("slide");

        removeLocalTodos(todo);
        todo.addEventListener("transitionend", function() {
            todo.remove();
        });
    }

    if(item.classList[0] === "complete-btn") {
        const todo = item.parentElement;
        todo.classList.toggle("completed");
    }
}

function filterTodo(e) {
    const todos = todoList.childNodes;
    todos.forEach(function(todo) {
        switch(e.target.value) {
            case "all":
                todo.style.display = "flex";
                break;
            case "completed":
                if(todo.classList.contains("completed")) {
                    todo.style.display = "flex";
                } else {
                    todo.style.display = "none";
                }
                break;
            case "incomplete":
                if(!todo.classList.contains("completed")) {
                    todo.style.display = "flex";
                } else {
                    todo.style.display = "none";
                }
                break;
        }
    });
}
```

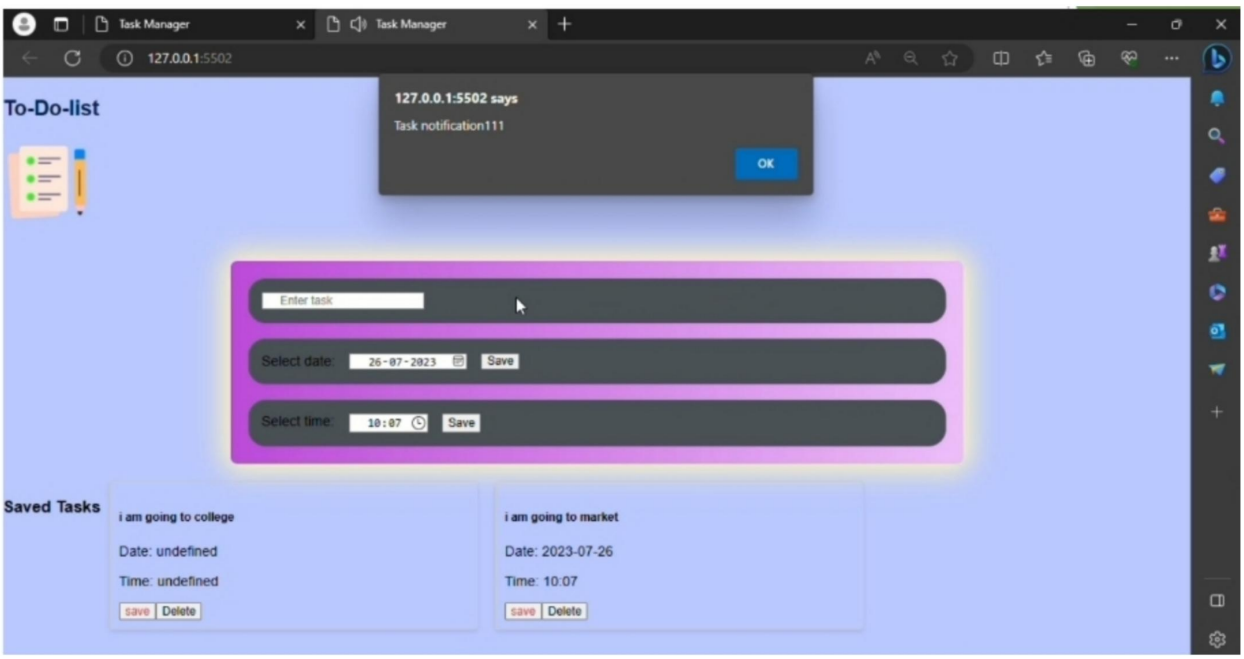
```
function saveLocalTodos(todo) {
    let todos;
    if(localStorage.getItem("todos") === null) {
        todos = [];
    } else {
        todos = JSON.parse(localStorage.getItem("todos"));
    }
    todos.push(todo);
    localStorage.setItem("todos", JSON.stringify(todos));
}

function getLocalTodos() {
    let todos;
    if(localStorage.getItem("todos") === null) {
        todos = [];
    } else {
        todos = JSON.parse(localStorage.getItem("todos"));
    }
    todos.forEach(function(todo) {
        const todoDiv = document.createElement("div");
        todoDiv.classList.add("todo");
        const newTodo = document.createElement("li");
        newTodo.innerText = todo;
        newTodo.classList.add("todo-item");
        todoDiv.appendChild(newTodo);

        const completedButton = document.createElement("button");
        completedButton.innerHTML = '<i class="fas fa-check-circle"></li>';
        completedButton.classList.add("complete-btn");
        todoDiv.appendChild(completedButton);

        const trashButton = document.createElement("button");
        trashButton.innerHTML = '<i class="fas fa-trash"></li>';
        trashButton.classList.add("trash-btn");
        todoDiv.appendChild(trashButton);

        todoList.appendChild(todoDiv);
    });
}

function removeLocalTodos(todo) {
    let todos;
    if(localStorage.getItem("todos") === null) {
        todos = [];
    } else {
        todos = JSON.parse(localStorage.getItem("todos"));
    }

    const todoIndex = todo.children[0].innerText;
    todos.splice(todos.indexOf(todoIndex), 1);
    localStorage.setItem("todos", JSON.stringify(todos));
}
```

JS OUTPUT


127.0.0.1:5500
To-Do-list
Enter task
Select date:
dd-mm-yyyy
Save
July, 2023
Su Mo Tu We Th Fr Sa
25 26 27 28 29 30 1
2 3 4 5 6 7 8
9 10 11 12 13 14 15
16 17 18 19 20 21 22
23 24 25 26 27 28 29
30 31 1 2 3 4 5
Clear
Today
Select time:

Result

Todo application is used for saving day to day tasks .. which makes us more easy to remember our tasks as well as it alerts us to do our tasks in a right way . Here our app consist of tasks consist date and time format along with notification sound



ADVANTAGES

- Increase productivity
- Stopping you from forgetting things
- Helps prioritise tasks,
- Manage tasks effectively
- Use time wisely and improve time
- Management as well as workflow.

DISADVANTAGES

- If you already have very little time for a project, writing a to-do list is an additional factor that costs time
- the To Do list doesn't capture uncertainties
- There is no way for management to plan based on a todo
- it doesn't allow you to adapt to each day's unique challenges or demands

APLICATIONS

- DAILY TASKS→ it is used for setting daily task lists
- WEEKLY TASKS→ it is used for setting weekly task lists
- STUDENT TASKS→ it is used for setting student task lists
- Done" List→ A list of all the tasks that you have already completed.
- Daily 3-T List→ The three most important tasks for a specific day.
- Not-to-do list → A list that helps you stay focused and do tasks with the most impact.

CONCLUSION

- IT IS GENERALLY USED TO MAINTAIN OUR DAY TO DAY TASK OR LISTS EVERYTHING THAT WE HAVE TO DO.IN OUR PROJECT (TO-DO) WE ARE CREATING A TO DO LIST HERE WE ARE ADDING OUR DAY TO DAY TASKS OR LISTS WITH TIME AND DATE FARMATE ALONG WITH NOTIFICATION SOUND AND ALSO THERE IS OPITION FOR DELETE FOR REMOVING UNWANTED TASKS.
- THIS IS THE BEST APP FOR REMINDING OUR DAILY ACTIVITIES.
- IT IS EASY TO USE AND USEFUL FOR EVERYONE IN THIS BUSY LIFE.
- EVERYONE NEEDS THIS APP

FUTURE SCOPE

- Organization of a proper work with an accurate planning of every task with its short description.
- Simplify the workflow and a timely execution of necessary work scope.
- Improvement of every employee's productivity and time management skills.
- At work and at home, having a to-do list may help you prioritize your work and personal tasks which helps to reach our goals

THANK YOU