

SRS FOR TO-DO LIST PROJECT

Done by:

R.Nivedha

K.G.Santhoshinisri

M.Abhirami

K.Sowmya

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Introduction

A to-do list project is a task management system that allows users to organize and prioritize their daily, weekly, or monthly tasks. It typically involves creating a list of items that need to be completed and checking them off as they are accomplished.

The project can be implemented using a variety of tools such as pen and paper, a whiteboard, a spreadsheet, or a digital platform. Some digital platforms include specialized to-do list apps, calendar applications, or task management software.

Steps involved:

1. **Creating a list of tasks:** This involves brainstorming and identifying all the tasks that need to be completed. It's important to be specific, measurable, and time-bound when creating the tasks.
2. **Prioritizing tasks:** Once the tasks have been identified, they should be prioritized according to their urgency and importance. This can be done using a simple system such as numbering the tasks from 1 to 10, or by using a more complex system that takes into account the level of effort required to complete each task.
3. **Assigning deadlines:** Each task should be assigned a deadline to ensure that it's completed on time. Deadlines can be set using a calendar or a scheduling tool.
4. **Monitoring progress:** As tasks are completed, they should be checked off the list to track progress. This allows the user to see how much they've accomplished and what tasks still need to be completed.
5. **Reviewing and updating the list:** The to-do list should be reviewed regularly to ensure that tasks are still relevant and to make any necessary updates or adjustments.

By implementing a to-do list project, users can increase their productivity, stay organized, and reduce stress by prioritizing and managing their tasks effectively

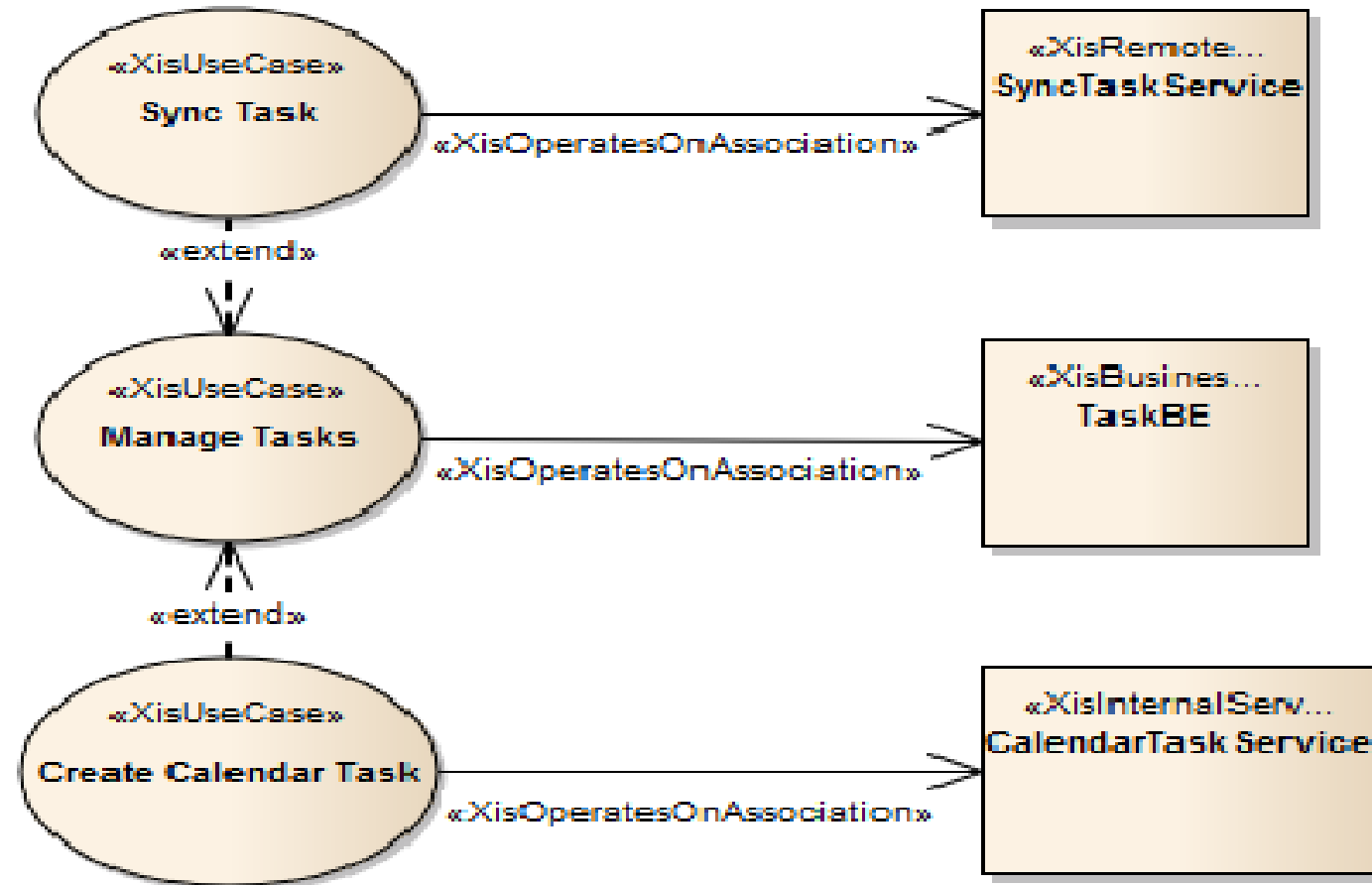
OVERALL DESCRIPTION

- **Increased productivity:** By having a clear list of tasks to complete and prioritizing them, users can stay focused and motivated, leading to increased productivity.
- **Improved organization:** A to-do list project helps users to organize their tasks and ensures that nothing important is forgotten or overlooked.
- **Reduced stress:** When users have a clear understanding of what they need to accomplish, they can better manage their time and reduce stress associated with feeling overwhelmed or uncertain about what to do next.
- **Better time management:** A to-do list project helps users to manage their time more effectively by prioritizing tasks and allocating time for each task.
- **Improved communication:** A to-do list project can be shared with others, such as team members or family members, to improve communication and ensure everyone is on the same page.
- **Enhanced accountability:** When tasks are written down and deadlines are assigned, users are more likely to hold themselves accountable for completing their tasks

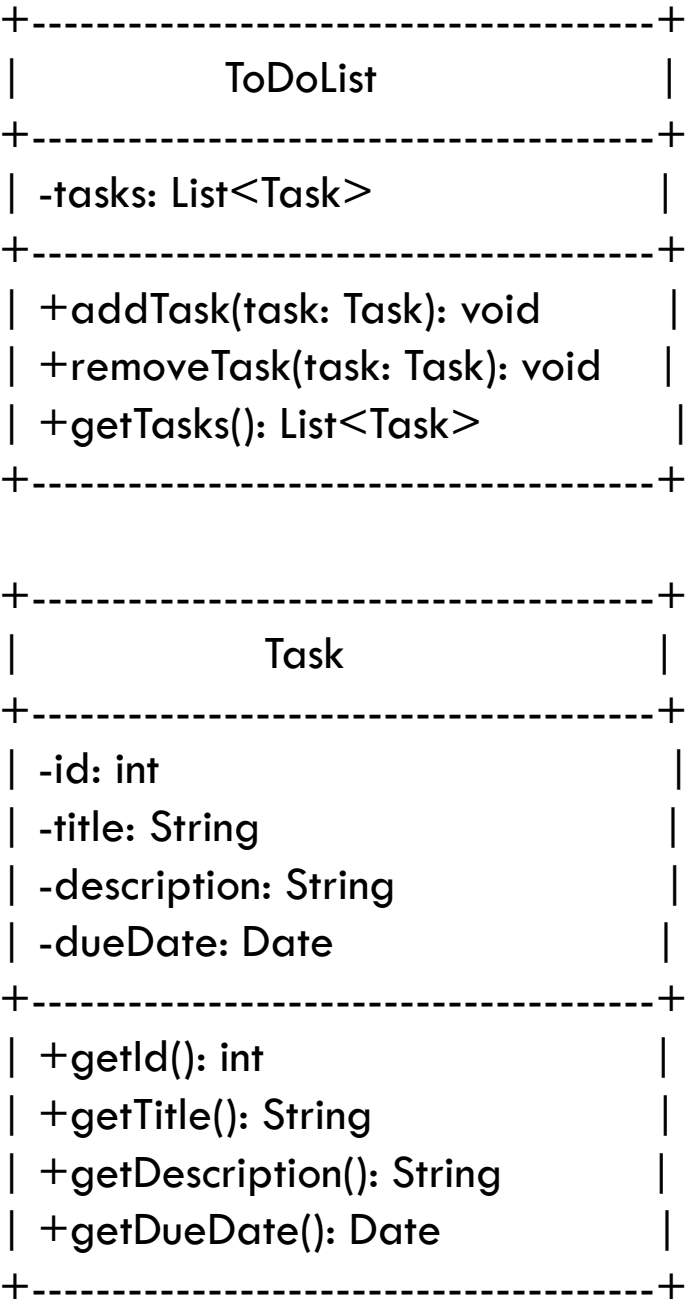
SPECIFIC REQUIREMENTS:

- I. User-friendly interface:** The to-do list should be easy to use and navigate, with a clear and intuitive interface.
- II. Task creation:** The user should be able to easily create new tasks and assign them to specific categories or projects.
- III. Task prioritization:** The user should be able to prioritize tasks based on their importance and urgency.
- IV. Deadline setting:** The user should be able to set deadlines for each task, either by a specific date or time.
- V. Reminders:** The user should be able to receive reminders about upcoming deadlines or overdue tasks.
- VI. Task completion tracking:** The user should be able to mark tasks as completed and track their progress.
- VII. Filtering and sorting:** The user should be able to filter and sort tasks based on different criteria, such as due date, priority, or category.
- VIII. Collaboration:** If the to-do list is intended for use by a team or group, it should include features that allow for collaboration, such as task assignment, sharing, and commenting.
- IX. Integration:** The to-do list should be able to integrate with other tools or platforms the user may be using, such as calendars, email, or project management software.

Use case diagram:



Class diagram:



State chart diagram:

