Task Management System

(Novatech)

Requirement Specification

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Introduction

This file aims to provide details on the requirement specifications for the Task Management System.

Novatech is a bespoke task management system to help rapidly expanding tech firms cut down severe task management inefficiencies.

It ensures employees frequently abide by deadlines, remember critical work items, and have structured ways to track their tasks.

With Novatech , users are able to create, update, and organize tasks efficiently, ensuring tasks are properly categorized and trackable (in Progress, Pending, Completed).

Task details are stored in Novatech's database. MySQL database is used to store all the data.

Functional Requirements

Authentication

This system has no form of authentication.

Data Management
Allows users to store their tasks (the title, the description of the task, the date the task should be completed)

A user can **add**, **update** and **delete** a task.

When adding a task, you are required to add the task's title, its description, the date you would want to complete the task and you select the task status (either pending, in progress or completed).

A user can also search for a task in a list of numerous tasks by entering either the task title or the task description in the search box.
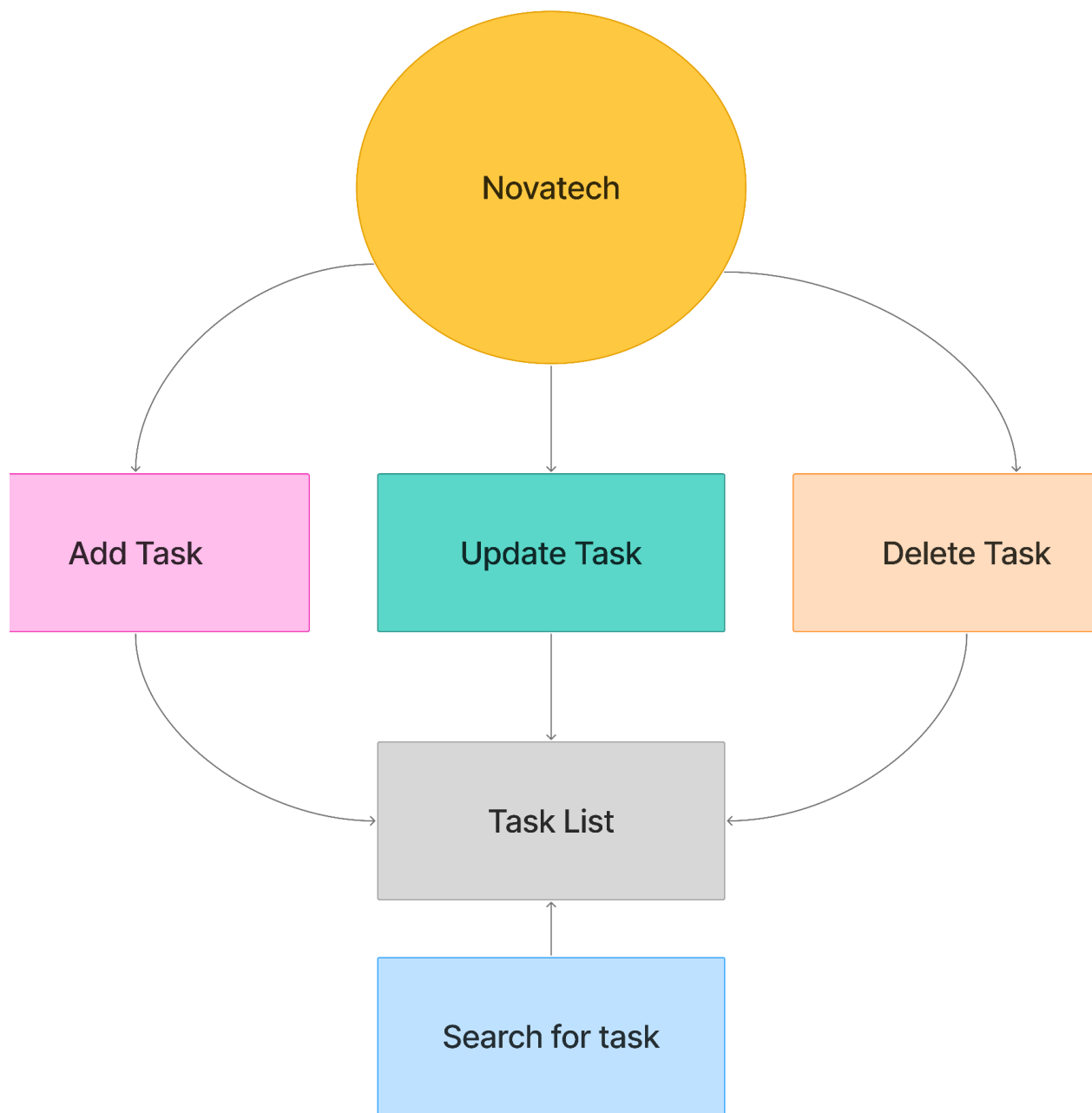
figure 1: Novatech System

Non-Functional Requirements

Data Requirements

Your (User) system must have the non-functional requirements that conform to the ones detailed in this section.

Data stored on the system

There is data stored on the system. When you close the console after performing all the types of actions, it is saved in the database.

Performance Requirements

The system must be able to:
- Cope with unlimited actions per minute.
- Store and process commands.

Constraints

Hardware

The system must run on a system with a minimum hardware specifications of:
- 1 GB RAM
- Intel Core i3 6th Generation and any equivalent or higher
- 10 GB or more free disk space

Glossary

Status

Describes the stage your task is on at a point in time (in progress, pending, completed)