# User stories

* As a student, I want to schedule different school assignments and when the due date is so that I can clearly see what I must do.

* As a project manager I want to visualize my ongoing projects so that I can clearly understand what I need to focus on.

* As a freelancer I want to be able to freely and easily be able to update my task list for a more dynamic workflow.

* As a user I want to be able to search for specific tasks so that I can more easily focus on a specific task.

* As a user I want to be able to see all my completed tasks, so I don’t forget what I have done so far.

# DoD

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| --- | --- |
| the user can schedule a task | The user can input data in a formatted field on the website. This data is then stored in a MySQL database. |
| the user can see all of the tasks and their current status | The data is retrieved from the database and presented on the homepage in formatted boxes with their information and status. |
| the user can visualize all the tasks in the pipeline | A Gantt chart is created and visualized on the pipeline page. |
| the user can manipulate all of the tasks (create, update, delete) | A functional CRUDE system is implemented. |
| the user can change the status of a task from ongoing to done | The task is moved from the calendar table to the complete table. |
| The Webb app automatically estimates the time duration of the task when completed | A correct estimation of the time it took to complete the task is added to the table when the task is moved from the calendar table to the complete table. |
| The software can be started and  completed based on user capacity,  current tasks, and task  duration. | the software automatically assigns an acceptable time frame for the task to be worked on. This will be based upon a variable the user inputs in an options field for how many hours he can work. |
| A user should be able to keep track of the elapsed task time. | On the pipeline, the elapsed time for a specific task is displayed on the Gantt chart by coloring a darker hue of blue. As well as when you hover above the task it displays a popup field where it displays information such as hours spent |

# User Storries and acceptens

* As a student, I want to schedule different school assignments and when the due date is so that I can clearly see what I must do.

When on the homepage I can press the plus button and the input fields are presented on the button of the page.

After I have filled in the information, I press the submit button and the task is added to the list.

* As a project manager I want to visualize my ongoing projects so that I can clearly understand what I need to focus on.

On the Navbar that is presented at the top of every page I can press the pipeline button I am rerouted to the pipeline page where a Gantt chart is presented with all of the tasks from the calendar table.

* As a freelancer I want to be able to freely and easily be able to update my task list for a more dynamic workflow.

On the homepage, all the current tasks are presented as individual boxes of information. On the left of these boxes, there are two buttons. update and delete. when I want to update, I can press the update button and be rerouted to the update page and there I can manipulate the content of the task in question.

When the delete button is pressed there is a validation button is presented. if I press “are you certain” the object is deleted.

* As a user I want to be able to search for specific tasks so that I can more easily focus on a specific task.

On the home page and the completed page, there is a search bar at the top right corner where I can search for specific tasks based on id, description, or category. this will change the tasks that are shown to only those that match the search.

If none are found the message “No tasks found”

* As a user I want to be able to see all my completed tasks, so I don’t forget what I have done so far.

On the Navbar that is presented at the top of every page, I can click on the “Completed” button. this reroutes me to the completed page where a list of all of the completed tasks is shown.

* As a User I want to be able to schedule a task and it will designate time for you to work on the task where it’s an opening in my schedule.

When I create a have filled in all the fields for a new task the system automatically assigns a time for the task to be completed based on a couple of variables that can be fed to the system by the settings menu.

* As a user I want to be able to see the elapsed time on any given task.

In the pipeline window as I hover above the column with a specific task it will display a few key details, one of which will be the elapsed time. This will also be represented visually by coloring in the time on the task based on percentage. (You have assigned **x** number of hours and have spent **y** hours which is equal to **z%**)