

Gantt Chart

Case-study

Client:

The client is Arabic Localizer. It is a lead company in providing localization, educational, and software services.

Problem:

Arabic Localizer is a company and provider for different and various solutions. The company consists of teams that operate differently according to the type of solution each is serving. An environment that poses an obligation of having different rules and regulations on processing the projects. This type of diversity makes the company involved in several projects of different natures. The problem lies in having all the projects governed and organized in a system that adheres to the regulations of Project Time Management. Still, this has to make room for customization regarding each team and its system. The basic need is providing the project manager with a tool that gives him a bird-eye-view of how the project flows.

Each project managers governs a certain team that works on a certain project follows up on the team in his own way. This leaves a margin of human error and doesn't give the working team a good view of tasks organization.

The Challenge:

The challenge is coming up with a system that adapts to all the required rules and regulations, especially holidays and vacations. It is required to have a system that fully involves all parties and their status, whether they are available for a certain task or not. If they will be available then when, and for how long. The required system should also be user-friendly and have the options of showing data in the form of graphical representation to make it easier for the project manager to understand and comprehend the data.

The Solution:

The basic idea that initiated the solution was very simple, applying it was something else. We decided to create a system that adopts the Gantt chart in sharing the work progress. This system can give the project manager the ability to assign a certain task to an employee. It also accepts some attachments to the task, which project manager and employee can use as a reference.

The system shows all of these in a display that is visually appealing; a presentable Gantt Chart that looks simple and is comprehensible. The data are viewed graphically and could be filtered as well. It doesn't only show the present and the future of task, it also adapts to the change in employees attendance or holidays. Thus, the estimated plan is converted into an actual plan in the most accurate way possible.

Tasks ← Back

Add New + Delete

Show records Search:

| <input type="checkbox"/> | Task Name | Project | Assigned to | Progress | Order | Actions |
|--------------------------|-----------------------------------------|-----------------------------------|-----------------|---------------------|-------|---------------------------------------------|
| <input type="checkbox"/> | Add info | Nour academy platform development | Mohamed Ibrahim | Finished Unfinished | 13 | Edit Delete |
| <input type="checkbox"/> | Assign Roles | Nour academy platform development | Amr Sharkas | Finished Unfinished | 7 | Edit Delete |
| <input type="checkbox"/> | Availability Calendar | Nour academy platform development | Amr Sharkas | Finished Unfinished | 100 | Edit Delete |
| <input type="checkbox"/> | Backend Development | Volunteers Portal | Amr Sharkas | Finished Unfinished | 2 | Edit Delete |
| <input type="checkbox"/> | Balance | Nour academy platform development | Amr Sharkas | Finished Unfinished | 76 | Edit Delete |
| <input type="checkbox"/> | Balance | Nour academy platform development | Mohamed Ibrahim | Finished Unfinished | 87 | Edit Delete |
| <input type="checkbox"/> | Balance calc, Availability, Restriction | Nour academy platform development | Amr Sharkas | Finished Unfinished | 42 | Edit Delete |
| <input type="checkbox"/> | Calendar | Nour academy platform development | Mohamed Ibrahim | Finished Unfinished | 53 | Edit Delete |
| <input type="checkbox"/> | Calendar | Nour academy platform development | Amr Sharkas | Finished Unfinished | 80 | Edit Delete |
| <input type="checkbox"/> | Calendars | Nour academy platform development | Amr Sharkas | Finished Unfinished | 34 | Edit Delete |

Final Result

It is a tool that any project manager would find easy and effective to use. It is a product that places all the distributed threads at the fingertips of the project manager. Many hours of calculating, confusion, and repetitive data entry on other projects were avoided by using this tool. This adaptable product continues on updating itself and the tasks to put everything in the right prospective. It is the most applicable usage of the Gantt chart.

The screenshot shows a web application interface for managing projects. At the top, there's a 'Projects' header with a 'Back' button. Below the header, there are buttons for 'Add New' and 'Delete'. A search bar is present on the right. The main content is a table with two rows of project data. Each row has a checkbox, a 'Project Name', and a set of action buttons: 'Schedule', 'Edit', 'Estimated Plan', 'Actual Plan', and 'Delete'. The first project is 'Nour academy platform development' and the second is 'Volunteers Portal'. At the bottom, it says 'Showing 1 to 2 of 2 records' and has navigation arrows.

The screenshot displays a Gantt chart for the 'Nour academy platform development' project. The chart is organized into columns for July and August. A table on the left lists tasks with their start times and durations. The Gantt chart visualizes these tasks as horizontal bars. A vertical yellow line indicates the current date. The tasks and their durations are as follows:

| Task name | Start time | Duration |
|------------------|------------|----------|
| Privileges | July 24 | 2 |
| Create/Edit user | July 27 | 5 |
| Assign Roles | August 03 | 3 |
| Restrictions | August 08 | 1 |
| Shifts | July 24 | 0 |
| Payments | July 25 | 3 |
| Main Info | July 28 | 2 |
| Pricing | July 31 | 0 |
| Add info | August 01 | 1 |
| Level | August 02 | 1 |
| Editing | August 03 | 3 |
| Main Info | August 07 | 0 |
| Templates | August 08 | 2 |
| Schedules | August 09 | 6 |
| Test Your Self | August 17 | 3 |
| Extra tab | August 10 | 1 |
| Editing | August 11 | 3 |
| Main Info | August 11 | 1 |