**Learning Activities**

* **Case Study:** Analyze similar task management applications and identify essential components and features.

Nowadays in the Market we can find a large number of task manager applications, some of them are very sophisticated with several features for a broad scope of project management and there is other more simple, the best option will depend on the user needs. Also, the prices of these solutions can vary depending on this scope and the integration with other tools and suites like g suite or Atlassian suite.

For this reason, the scope of this analysis will be focused on task management systems rather than project management applications as Project.MS or Jira for example, whether some of the features of these can be useful for our project.

With this scope defined we gather 10 similar solutions to compare most representative features and information managed:

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Feature | Information | | | | | | | Collaborative | Integration with other Apps |
| Application | Responsible | StartDate | EndDate | State | Description | Subtasks | Priority |
| Planner | Yes | No | Yes | Yes | Yes | No | No | Yes | Microsoft 365, Teams, Outlook |
| Trello | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | Power-Ups (Google Drive, Slack, etc.) |
| ClickUp | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Slack, Google Drive, GitHub, Zoom |
| Miro\* | No | No | No | No | Yes | No | No | Yes | Jira, Confluence, Slack |
| Airtable | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Zapier, Slack, Google Drive, Gmail |
| ToDoIst | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | Google Calendar, Outlook |
| TeamWork | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | HubSpot, QuickBooks, Slack |
| Smartsheet | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Salesforce, Jira, Tableau |

\*For this use case we will exclude Miro from the analysis, as it shows a representative difference in features and information compared to the other ones.

As per the rest of them, we can see that responsible, end date, state and description are common information, all of them are collaborative and can integrate with other tools.

All things considered, after this exercise, we decided to implement a task manager application, that contains the following information, so we can deliver an end to end functional tool that is competitive in the market with similar solutions:

- Task Id

- Task

- Description

- User (Responsible)

- Creation date

- DueDate

- Status (IsDone)