Project:

| Responsibilities: | Collaborators: |
| --- | --- |
| Add/remove tasks | Task |
| Keep track of task progress | Task, Task\_Status |
| Add/remove managers and developers | User |

Task:

| Responsibilities: | Collaborators: |
| --- | --- |
| Keep track of assignee | User |
| Keep track of/update status | Task\_Status |
| Keep track of dates (assigned and due) | Date |
| Store information about tasks | Task\_Type, Priority |

User:

| Responsibilities: | Collaborators: |
| --- | --- |
| Store user info |  |
| Keep track of which projects this user is a manager/developer for | Project |
| Keep track of tasks assigned to this user | Task |

System:

| Responsibilities: | Collaborators: |
| --- | --- |
| Store all Users | User |
| Store all projects | Project |
| Determine/change who the current user is | User |
| Determine/change which project is being viewed/edited | Project |
| Assign project/user ids | Project, User |
| Create/edit/update projects | Project |
| Create/edit/update tasks for a project | Task |

View:

| Responsibilities: | Collaborators: |
| --- | --- |
| Display all tasks for a user | User, Task |
| Display kanban board for a project | User, Project, Task |

Task\_Type:

| Responsibilities: | Collaborators: |
| --- | --- |
| Enumerate types of tasks | Task |

Task\_Status:

| Responsibilities: | Collaborators: |
| --- | --- |
| Enumerate task statuses | Task |

Priority:

| Responsibilities: | Collaborators: |
| --- | --- |
| Enumerate priorities that a task can have | Task |

Date:

| Responsibilities: | Collaborators: |
| --- | --- |
| Represent a date with month, day, year |  |
| Produce the current date |  |