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| --- | --- | --- | --- | --- | --- | --- |
|  | **Event** | **Trigger** | **Source** | **Use case** | **Response** | **Destination** |
| (1) | Engineer wants to submit a new project | New project request | Engineer | Save the requested project | Notify the engineer, notify DH, DDG, DG | Engineer, DH, DDG, DG |
| (2) | Divisional head wants to approve the project | DH approval request | Divisional head | Mark DH approval | Notify DH, DDG, DG | DH, DDG, DG |
| (3) | DDG/DG wants to approve the project | DDG/DG approval request | Deputy Director General/ Director General | Mark DDG approval | Notify the engineer, notify DH, DDG, DG | Engineer, DH, DDG, DG |
| (4) | User wants the projects list\* | Project list inquiry | User | Get the projects list | Display the projects list | User |
| (5) | User wants to get individual project details | Project information inquiry | User | Get project information | Display project information | User |
| (6) | User wants to update project details | Submit form | User | Save the added details | Notify the user, supervisor and other users | Users |
| (7) | Supervisor (DH/DDG) wants to confirm | Confirmation request | Supervisor | Confirm update | Notify other users | Users |
| (8) | Sectional user\*\* wants to update project details | Details update request | Sectional user | Save data as unapproved | Notify supervisor | Supervisor and other users |
| (9) | Sectional supervisor wants to approve data | Approval request | Supervisor | Save data as approved | Notify the user, supervisor and other users | Users |
| (10) | DDG wants to change project state | State change request | DDG | Change state | Notify DH,DDG, DG | DH,DDG, DG |
| (11) | DDG wants to add a new division/section to the system | New division/section request | DDG | Add and save new division/ section | - | - |
| (12) | DDG wants to add a new user | Add new user request | DDG | Add and save new user\*\*\* | New user gets an email | New user |

**Event table**

\* The projects list display the statuses of the projects (unapproved/ approved/ on-going/ completed/ closed/ user entered statuses). The user can get the unapproved list and separately if needed.

\*\* Sectional user – User from Lab stores, logistics or accounting sections.

\*\*\* User will get an email asking to go to the link and register to the system.