1. Add knowledge



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| **USE CASE -1 SPECIFICATION** | | | |
| **Use-case No.** | OHRM00x | **Use-case Version** | 2.0 |
| **Use-case Name** | Add knowledge | | |
| **Author** | Ngo Trac Kien | | |
| **Date** | 19/05/2015 | **Priority** | High |
| **Actor:**  Engineer, Manager, Director.  **Summary:**  This use case allows engineer to add new knowledge to the system.  **Goal:**  New knowledge is added into system.  **Triggers**   * User clicks on “Add new knowledge” button on “Knowledge” screen.   **Preconditions:**   * User must log in as Engineer, Manager or Director.   **Post Conditions:**   * **On Success**: New knowledge is posted on Knowledge screen. * **On Failure**: Show error message.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Clicks on “Add new knowledge” button on “Knowledge” screen. | System displays “Create knowledge” screen:  - “Subject”: textbox, min length: 4, max length: 50, required.  - “Project code”: textbox, min length: 4, max length: 10, required.  - “Description”: textarea, min length: 6, max length: 250.  - “Content”: textarea, min length: 4.  - “Post”: button.  - “Back”: button. | | 2 | Inputs fields, then clicks on “Post” button. | System shows popup:  “Post this knowledge?”  - “OK”: button.  - “Cancel”: button.  [Alternative 1,2] | | 3 | Clicks on “OK” button. | New knowledge is added to database and system navigates to “Knowledge content” screen:  - “Knowledge” panel:   * “Subject” * “Project code” * “Description”   - “Comment” panel:   * “Subject” * “Project code” * “Description”   - “Back”: button  [Exceptions 1, 2, 3, 4] |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Clicks on “Back” button. | System shows popup:  “Some fields are being modified, are you sure to leave this page?” - “Continue editing” button. - “Leave” button.  [Alternative 3,4] | | 2 | Clicks on “Cancel” button. | System navigates to “Knowledge” screen. Nothing is added to database. | | 3 | Clicks on “Continue editing” button. | System closes popup. | | 4 | Clicks on “Leave” button. | System navigates to “Knowledge” screen. Nothing is added to database. |   **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | “Subject” textbox contains less than 4 characters or more than 50 characters. | Show message: “Subject must include 4~50 characters”. | | 2 | “Project code” textbox contains less than 4 characters or more than 50 characters. | Show message: “Project code must include 4~10 characters”. | | 3 | “Content” textarea contains less than 4 characters. | Show message: “Content must have at least 4 characters”. | | 4 | Engineer input the wrong project code. | Show message: “This project does not exist”. |   **Relationships:**   * N/A   **Business Rules:**   * Only Engineer, Manager or Director can write or post new knowledge. * Each knowledge is belong to a specific project. * Exceptions must not be violated. | | | |