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| **USE CASE – 005** | | | |
| **Use Case No.** | **005** | **Use Case Version** | 2.0 |
| **Use Case Name** | Update timesheet | | |
| **Author** | Nguyen Huu Phuoc | | |
| **Date** | 02/06/2015 | **Priority** | Low |
| **Actor:**   * Engineer, Manager.   **Summary:**   * This use case allows engineer, manager to update timesheet.   **Goal:**   * A selected timesheet is updated.   **Triggers:**   * ~~Engineer updates timesheet~~ User clicks on “Update” button.   **Preconditions:**   * ~~Guest~~ User logged in with Engineer or Manager role.   **Post condition:**   * **Success:** the selected timesheet is updated. * **Fail:** show message error.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Engineer clicks on “Update” button on a row ~~of timesheet~~ ~~that he/she wants to update~~ on timesheet table ~~of~~ on “Timesheet” page. | System loads data of the selected timesheet to:   * “Project Code”: drop-down list, shows project code of selected timesheet, required. * “Date”: date-picker, shows date of selected timesheet, required. * “Time”: text-box, shows time of selected timesheet, required. * “hours”: label. * “Description”: text-area, min length: 30 characters, max length: 550 characters, shows project code of selected timesheet, required. * “Add Timesheet”: button, disable. * “Reset”: button, disable. * “Save”: button. * “Cancel”: button. * Data table shows list of rejected and pending timesheets. | | 2 | Engineer inputs fields then clicks on “Save” button.  [Alternative 1] | * The selected timesheet will be update to database. * System shows “Update timesheet successfully” message. * System reloads “Timesheet” page, the selected timesheet is also updated on timesheet table.   [Exception: 1,2,3,4,5,6] |   **Alternative:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Engineer clicks on “Cancel” button. | All fields will be clear. |   **Exception:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Engineer doesn’t choose “Project Code”. | Show error message: “You have to choose a project!” | | 2 | Engineer doesn’t choose “Date”. | Show error message: “You have to choose a date” | | 3 | Inputting “Time” text-box is not in range. | Show error message: “Time is from 0.5 to 8 hours a day” | | 4 | Engineer leaves “Time” text-box empty. | Show error message: “Time is from 0.5 to 8 hours a day” | | 5 | Length of “Description” text-area is not in range. | Show error message: “Description has to be from 30 to 550 characters.” | | 6 | Engineer leaves “Description” text-area empty. | Show error message: “You can not leave this field empty!” |   **Relationships:** N/A  **Business Rules:**   * ~~Engineer~~ User can update one or more timesheets. * Engineer just updates one timesheet at a time. * Engineer ~~just~~ only can updates timesheet with “pending” or “reject” status. * The status of updated timesheet is always “pending”. * Engineer just updates his/her timesheet on timesheet table. | | | |