1. **View notification**



**Use case Specification**

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| **USE CASE – FTS002** | | | |
| **Use Case No.** | FTS002 | **Use Case Version** | 2.0 |
| **Use Case Name** | Notify user | | |
| **Author** | Nguyen Duy Khuong | | |
| **Date** | 14/01/2015 | **Priority** | High |
| **Actor:**   * System   **Summary:**   * System can notify message deal from owner to truck driver.   **Goal:**   * Notify info deal for truck driver.   **Triggers:**   * Owner choose truck driver add press button “Đề nghị giao dịch”.   **Preconditions:**   * User must log in the system with owner role. * Owner make deal with truck driver.   **Post Conditions:**   * **Success:** Show the content of notify for truck driver. * **Fail:** Show error message to owner and write log to server.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Server check message deal from owner and send to truck driver. | - Show notification info deal of owner to truck driver. |   **Alternative Scenario:** N/A  **Exceptions:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Owner press “Đề nghi giao dich”. | * Notification can’t send to truck driver.Show error message:”Không thể gửi đề nghị của bạn đến tài xế. Xin hãy thử lại lần sau” |     **Relationships:** N/A  **Business Rules:**   * Truck driver can receive notifications at the time when owner press “Đề nghị giao dịch”. | | | |

**3 Search Deal**



**Use case Specification**

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| **USE CASE – FTS003** | | | |
| **Use Case No.** | FTS003 | **Use Case Version** | 2.0 |
| **Use Case Name** | Search deal | | |
| **Author** | Nguyen Duy Khuong | | |
| **Date** | 14/01/2015 | **Priority** | High |
| **Actor:**   * Owner   **Summary:**   * This use case allows owner to search a list of deal.   **Goal:**   * View list of deal.   **Triggers:**   * Owner press “Quản lý deal” in menu bar.   **Preconditions:**   * User must log in the system with owner role. * Owner created deal or had deal.   **Post Conditions:**   * **Success:** Show the list of deal. * **Fail:** Show error message to users and write log to server.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | User press “Quản lý deal” on menu. | Navigate to manage deal page which contains: - Loại hàng: drop-down list. - Khối lượng: textbox. - Địa điểm nhận hàng: textbox.  - Địa điểm giao hàng: textbox.  - Thời gian gửi hàng: datetime picker. - Tìm hàng: button. |   **Alternative Scenario:**  Alternative 1   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Fill fields and press “Tìm hàng” | System will show the search result contains a list of deals which are eligible. Each deal display “Mã số”, “loại hàng”, “khối lượng”… The list of deals can sort by mã số, …. [Exception1] |   Alternative 2   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Press “Tìm hàng” | System will show all deals of owner. Each deal display “Mã số”, “loại hàng”, “khối lượng”… The list of deals can sort by mã số, …. [Exception1] |   **Exceptions:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Press button “Tìm hàng”. | * Deal cant show.Show error message box: “Không thể tìm hang theo yêu cầu.Xin hãy thử lại lần sau” |   **Relationships:** Manage deal  **Business Rules:**   * Searching deal base on “Loại hàng”, “Khối lượng”, “Địa điểm giao hàng”, “Địa điểm nhận hàng”, “Thời gian gửi hàng”. | | | |

**4 Login**



**Use case Specification**

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| **USE CASE – FTS004** | | | |
| **Use Case No.** | FTS004 | **Use Case Version** | 2.0 |
| **Use Case Name** | Login | | |
| **Author** | Nguyen Duy Khuong | | |
| **Date** | 14/01/2014 | **Priority** | Normal |
| **Actor:**   * Guest.   **Summary:**   * This use case allows guest to login to the system.   **Goal:**   * Login successful.   **Triggers:**   * Guest want to login into system.   **Preconditions:**   * Guest have account.   **Post Conditions:**   * **Success:** Show function of each role. * **Fail:** Show error message to user.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Guest click “Đăng nhập tài khoản” link. | System show a login form, includes:   * Email: textbox, required. * Password: password box, required. * Đăng nhập: button. | | 2 | Enter email and password.  Press “Đăng nhập” button. | Guest is logged into system with their role. Redirect to corresponding page.  [Exception 1,2,3] |   **Alternative Scenario:** N/A  **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | No input in “Username” or “Password” textboxes | Show error message: “Vui lòng điền đủ username và password!” | | 2 | Username/Password not in range [5,20] | Show error message: “Thông tin không hợp lệ. Vui lòng thử lại!” | | 3 | Input invalid “Username” and “Password” | Show error message: “Thông tin không hợp lệ. Vui lòng thử lại!” |   **Relationships:** N/A  **Business Rules:**   * Each member have one account. | | | |

**5. Register**



**Use case Specification**

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| **USE CASE – FTS005** | | | |
| **Use Case No.** | FTS005 | **Use Case Version** | 2.0 |
| **Use Case Name** | Register | | |
| **Author** | Nguyen Duy Khuong | | |
| **Date** | 14/01/2015 | **Priority** | Normal |
| **Actor:**   * Guest.   **Summary:**   * This use case allows guest to register.   **Goal:**   * User can register new account to become a member of the system.   **Triggers:**   * Guest wants to be a member of the system.   **Preconditions:** N/A.  **Post Conditions:**   * **Success:** New member account is created. * **Fail:** Show error message to user.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Guest press “Đăng ký tài khoản” link. | Navigate to register popup which contains:  -Email: textbox,required  -Password: textbox,required.  -Họ: textbox, required.  -Tên: textbox, required.  -Số điện thoại: textbox, required.  -Số thẻ tín dụng: textbox, required.  -CVV: textbox, required.  -Tháng hết hạn thẻ: dropdown-list, required.  -Năm hết hạn thẻ: dropdown-list, required.  -Đăng ký tài khoản: button. | | 2 | Guest enters required information, then press “Đăng ký” button. | Create new member account. Show success message.  [Exception 1,2,3,4,5,6,7,8,10,11,12] |   **Alternative Scenario:** N/A  **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Length of username is not in range. | Show error message: “Độ dài username phải từ 6-20 ký tự!” | | 2 | Length of password is not in range. | Show error message: “Độ dài password phải từ 6-20 ký tự!” | | 3 | Username’s existed already. | Show error message: “Tên đăng nhập đã tồn tại! Vui lòng chọn tên khác!” | | 4 | Họ is empty. | Show error message: “Họ phải được điền vào khung” | | 5 | Tên is empty. | Show error message: “Tên phải được điền vào khung” | | 6 | Phone number is not valid | Show error message: “Số điện thoại không hợp lệ!” | | 7 | Email is not valid | Show error message: “Email không hợp lệ!” | | 8 | Credit card existed already | Show error message: “Số tài khoản đã tồn tại! Vui lòng chọn số tài khoản khác!” | | 9 | Length of credit card is not in range | Show error message: “Số tài khoản tín dụng phải đủ 11 số!” | | 10 | Length of CVV is not in range | Show error message: “Số CVV phải đủ 3 số!” | | 11 | Choose date before the current date | Show error message: “Tài khoản tín dụng của bạn đã quá hạn. Xin hay kiểm tra lại!” | | 12 | Length of postal cade is not in range | Show error message: “Mã bưu chính phải 5 số.Xin hay kiểm tra lại!” |     **Relationships:** N/A  **Business Rules:**   * The role of new created account is “owner”. | | | |