

**1 Notify suggestion truck driver**



**Use case Specification**

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| **USE CASE – FTS001** | | | |
| **Use Case No.** | FTS001 | **Use Case Version** | 2.0 |
| **Use Case Name** | Notify suggestion truck driver | | |
| **Author** | Nguyen Duy Khuong | | |
| **Date** | 14/01/2015 | **Priority** | High |
| **Actor:**   * System   **Summary:**   * System can notify truck driver to owner.   **Goal:**   * Notify suggestion truck driver to owner.   **Triggers:**   * System will show all suggestion truck driver to owner   **Preconditions:**   * User must log in the system with owner role. * Owner press “Chưa giao dịch” link at deal.   **Post Conditions:**   * **Success:** Show the content of notify to owner. * **Fail:** Show error message to owner and write log to server.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Owner press “Chưa giao dịch” link of a deal. | - Notify suggestion truck driver with info of truck to owner.  +Đề nghị giao dịch: button.  +Huỷ giao dịch:button.  [Exception1] |   **Alternative Scenario:** N/A  **Exceptions:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Owner press “Chưa giao dịch”. | * Suggestion can’t notify to owner.Show error message: “Không thể hiển thị được lời đề nghị!”. |     **Relationships:** Notify user  **Business Rules:**   * Owner can receive notifications suggestion truck driver when press “Chưa giao dich” link. | | | |

1. **Notify message make deal**



**Use case Specification**

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| **USE CASE – FTS002** | | | |
| **Use Case No.** | FTS002 | **Use Case Version** | 2.0 |
| **Use Case Name** | Notify message make deal | | |
| **Author** | Nguyen Duy Khuong | | |
| **Date** | 14/01/2015 | **Priority** | High |
| **Actor:**   * System   **Summary:**   * System can notify make deal from truck driver to owner.   **Goal:**   * Notify suggestion make deal form truck driver.   **Triggers:**   * System will show all suggestion make deal form truck driver to owner   **Preconditions:**   * User must log in the system with owner role. * Truck driver sent suggestion make deal with owner. * Owner press “Chưa giao dịch” link at deal.   **Post Conditions:**   * **Success:** Show the content of notify for owner. * **Fail:** Show error message to owner and write log to server.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Owner press “Chưa giao dịch” link of a deal. | - Notify suggestion make deal of truck driver with info of truck.  +Chấp nhận: button.  +Từ chối:button.  [Exception1] |   **Alternative Scenario:** N/A  **Exceptions:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Owner press “Chưa giao dịch”. | * Suggestion can’t notify to owner.Show error message: “Không thể hiển thị lời đề nghị từ driver!”. |     **Relationships:** Notify user  **Business Rules:**   * Owner can receive notifications at the time when truck driver press “Đề nghị giao dịch” button. | | | |

**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 their deal.   **Goal:**   * View list of deal.   **Triggers:**   * Owner want to search one or more their deal.   **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 hàng” 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.  -Trạng thái:check box, raw source: “Chưa giao dịch”, “Đang giao dịch”, “Đã giao dich”, default value “Chưa giao dịch”. - 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”,”Địa điểm nhận hang”, “Địa điểm giao hàng”, “Thời gian gửi hàng”, “Trạng thái” The list of deals can sort by “Mã số”, “Loại hàng”, “Khối lượng”,”Địa điểm nhận hang”, “Địa điểm giao hàng”, “Thời gian gửi hàng”, “Trạng thái [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”,”Địa điểm nhận hang”, “Địa điểm giao hàng”, “Thời gian gửi hàng”, “Trạng thái” The list of deals can sort by “Mã số”, “Loại hàng”, “Khối lượng”,”Địa điểm nhận hang”, “Địa điểm giao hàng”, “Thời gian gửi hàng”, “Trạng thái [Exception1] |   **Exceptions:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Press button “Tìm hàng”. | * System cant load list deal.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”, “Trạng thái”. | | | |

**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 “Email” or “Password” textboxes | Show error message: “Vui lòng điền đủ email và password!” | | 2 | Email/Password not in range [5,20] | Show error message: “Thông tin không hợp lệ. Vui lòng thử lại!” | | 3 | Input invalid “Email” 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,range [5,20],required.  -Họ: textbox,range [2,20], required.  -Tên: textbox,range [2,20], required.  -Số điện thoại: textbox,number in range[10,11], required.  -Số thẻ tín dụng: textbox, number in length 11, required.  -CVV: textbox,number in length 3, required.  -Tháng hết hạn thẻ: dropdown-list, required.  -Năm hết hạn thẻ: dropdown-list, required.  -Mã bưu chính: textbox,number in length 5, required.  -Đăng ký tài khoản: button. | | 2 | Guest enters required information, then press “Tạo tài khoản” button. | Create new member account. Show success message.  [Exception 1,2,3,4,5,6,7,8,10,11] |   **Alternative Scenario:** N/A  **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Email is not valid. | Show error message: “Email không hợp lệ!” | | 2 | Email’s existed already. | Show error message: “Email đã được sử dụng! Vui lòng chọn email khác!” | | 3 | Length of password is not in range [5, 20]. | Show error message: “Độ dài password phải từ 5-20 ký tự!” | | 4 | Length of “Họ” is not in range [2, 20]. | Show error message: “Độ dài họ phải từ 2-20 ký tự!” | | 5 | Length of “Tên” is not in range [2, 20]. | Show error message: “Độ dài tên phải từ 2-20 ký tự!”” | | 6 | Phone number is not valid | Show error message: “Số điện thoại không hợp lệ!” | | 7 | Credit card existed already | Show error message: “Số tài khoản tín dụng đã được sử dụng! Vui lòng chọn tài khoản khác!” | | 8 | Length of credit card is not equal 11 numbers. | Show error message: “Số tài khoản tín dụng phải đủ 11 số!” | | 9 | Length of CVV is not equal 3 numbers. | Show error message: “Số CVV phải đủ 3 số!” | | 10 | Expiration date of credit card before the current date. | Show error message: “Tài khoản tín dụng của bạn đã quá hạn. Xin hay kiểm tra lại!” | | 11 | Length of postal card is not equal 5 numbers. | 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”. | | | |