1. **Search truck driver**



**Use case Specification**

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| **USE CASE –** FTS001 | | | |
| **Use Case No.** | FTS001 | **Use Case Version** | 1.0 |
| **Use Case Name** | Search truck driver | | |
| **Author** | Nguyen Duy Khuong | | |
| **Date** | 14/01/2015 | **Priority** | High |
| **Actor:**   * Owner   **Summary:**   * This use case allows owner to search a list of truck driver who are eligible.   **Goal:**   * View list of truck driver.   **Triggers:**   * Owner clicks on “Tìm kiếm tài xế” in menu bar.   **Preconditions:**   * User must log in the system with owner role.   **Post Conditions:**   * **Success:** Show the list of truck driver. * **Fail:** Show error message to users and write log to server.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | User clicks “Tìm kiếm tài xế” on menu. | Navigate to find driver page which contains:  - Tên tài xế: textbox. - Chọn trọng tải: drop-down list, raw source: “Chọn trọng tải” ,”<16 Tấn”, “<24 Tấn” , “<30 Tấn”, “<34 Tấn” và “<44 Tấn”, default value: “Chọn trọng tải”. - Chọn thùng đông lạnh: drop-down list, raw source: “Thùng đông lạnh” ,”Không có thùng đông lạnh” default value: “Thùng đông lạnh”. - Khởi hành: textbox.  - Kết thúc: textbox.  - Thời gian khởi hành: datetime picker, required of “Khởi hành” and “Kết thúc”.  - Thời gian đến: datetime picker, required of “Thời gian khởi hành”. - Tìm tài xế: button. |   **Alternative Scenario:**  Alternative 1   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Fill fields and click “Tìm tài xế” | System will show the search result contains a list of truck drivers who are eligible. Each truck driver display “Tên tài xế”, “trọng tải”, “thùng đông”,…“Deal” or “Cant deal”. The list of truck driver will by sorted by tên, …. [Exception1] |   Alternative 2   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click “Tìm tài xế” | System will show random 20 truck drivers. Each truck driver display “Tên tài xế”, “trọng tải”, “thùng đông”,…“Deal” or “Cant deal”. The list of truck driver will by sorted by tên, …. [Exception1] |   **Exceptions:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Can not search truck driver. | * Show message box:”Lỗi...” |   **Relationships:** Make deal  **Business Rules:**   * Searching truck driver base on name, type of truck, road, time. | | | |

1. **View notification**



**Use case Specification**

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| **USE CASE – FTS02** | | | |
| **Use Case No.** | FTS002 | **Use Case Version** | 2.0 |
| **Use Case Name** | View notification | | |
| **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 – FTS03** | | | |
| **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** | 1.0 |
| **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”. | | | |