### < Employer >Create Job

Use Case Specification

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| **USE CASE – SBW01** | | | |
| **Use Case No.** | SBW01 | **Use Case Version** | 1.0 |
| **Use Case Name** | Create Job | | |
| **Author** | Tran Hoang Hai | | |
| **Date** | 19/01/2015 | **Priority** | High |
| **Actor:**   * Employer.   **Summary:**   * This use case allows Employer to create new Job.   **Goal:**   * Add new job to system.   **Triggers:**   * From sidebar: Choose “Quản lý việc làm” menu, in employer management page, click “Tuển Dụng” button.   **Preconditions:**   * User must login to system with role Employer. * Employer choose add job function.   **Post Conditions:**   * **Success**: New job will be created in database. * **Fail:** No jobs will be created. Show error message.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | User choose “Tuyển Dụng” function | Pop-up create job form which contains:   * Tiêu đề: text field required. [Exception 1] * Mô tả công việc: text area required. [Exception 1] * Lương: textbox. * Yêu cầu công việc: text area required. [Exception 1] * Địa điểm làm việc: drop-down list, raw source: sixty three province of Vietnam. [Exception 1] * Hạn chót nộp hồ sơ: date picker input required. [Exception 1] * Đăng tin: button. * Xóa trắng: button. | | 2 | Employer fills data to the form. |  | | 3 | Employer clicks “Đăng Tin” button. [Alternative 1], [Exception 2] | Insert new job to the database and redirect to employer page. |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Employer clicks “Xóa trắng button”. | Clear all input data. | | 2 | Click “Đóng” button | Pop-up is closed. |   **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Required field is empty. | Display message:” Thông tin này bắt buộc. Xin hãy điền.” |   **Relationships:** Manage Job.  **Business Rules:**   * Each created job must be in active state when insert to database. * Date expired must be older than date create. * Job created must be expired after 30 days. | | | |

### <Employer> Create Event

Use Case Specification

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| **USE CASE – SBW02** | | | |
| **Use Case No.** | SBW02 | **Use Case Version** | 1.0 |
| **Use Case Name** | Create Event | | |
| **Author** | Tran Hoang Hai | | |
| **Date** | 19/01/2015 | **Priority** | High |
| **Actor:**   * Employer.   **Summary:**   * This use case allows employer to create new event.   **Goal:**   * New event created add to system.   **Triggers:**   * From sidebar: Choose “Quản Lý Sự Kiện” menu, in employer management page, click “Tạo Sự Kiện” button   **Preconditions:**   * User must login to system with role Employer. * Employer choose add new event function.   **Post Conditions:**   * **Success**: New event will be insert to database. * **Fail:** No event will be created. Show error message.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | User choose “Tạo Sự Kiện” function | Pop-up to create event which contains:   * Tên sự kiện: text field required. [Exception 1] * Ngày bắt đầu: Date picker, required. [Exception 1] * “Ngày kết thúc”: Date picker. [Exception 1] * Nội dung”: text area required. * “Địa điểm”: text field required. * Đơn vị tổ chức: text area required. * Đăng Sự Kiện: button. * Xóa trắng: button. | | 2 | Employer fills data to the form. |  | | 3 | Actor clicks “Đăng Sự Kiện” button. [Alternative 1] | Insert new event to the database and redirect to employer or staff page. |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Actor clicks “Xóa trắng button”. | Clear all input data. | | 2 | Click “Đóng” button | Pop-up is closed. |   **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | . |  |   **Relationships:** Manage Event.  **Business Rules:**   * Each created event must be in waiting state when insert to database. * Date end event must be greater than date event start day. * Each of date created all user will receive notification. | | | |

### <Employee> Edit Employer Information

Use Case Specification

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| **USE CASE – SBW03** | | | |
| **Use Case No.** | SBW03 | **Use Case Version** | 1.0 |
| **Use Case Name** | Edit Employer Information | | |
| **Author** | Tran Hoang Hai | | |
| **Date** | 19/01/2015 | **Priority** | Medium |
| **Actor:**   * Employer.   **Summary:**   * Employer uses this function to update profile.   **Goal:**   * New employer information is updated to database.   **Triggers:**   * From sidebar: Choose “Quản lý tài khoản” menu, in employer management page, click “Cập nhật” button   **Preconditions:**   * User must login to system with role Employer. * Employer choose update info function.   **Post Conditions:**   * **Success**: New user account’s information will be updated to the database. * **Fail:** Nothing is updated to the database.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | In staff management page, choose a staff to update, click “Cập nhật” button. | Pop-up update employer information form which contains:   * “Tên Đăng Nhập”: textbox. * “Tên Công Ty”: textbox, required. [Exception 1] * “Giới Thiệu”: Text field. \ * “Số Lượng Nhân Viên”: textbox. * “Số điện thoại”: textbox, required * “Email”: textbox, required * “Địa Chỉ”: textbox, required. * Password: textbox, required. * Đóng: button * Cập nhật: button | | 2 | Update employer information |  | | 3 | Click “Cập nhật” button  [Alternative 1] | New employer’s information will be updated to database. |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Click “Đóng” button | Pop-up is closed. |   **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Required field is empty. | Display message:” Thông tin này bắt buộc. Xin hãy điền.” | | 2 | Email format is not correct. | Display message: “Địa chỉ email không hợp lệ. Hãy điền lại”. |   **Relationships:** Manage Account.  **Business Rules:**   * Username cannot be edited. * User must be enter password to confirm update. * Password will encryption before sent request to system. | | | |

### <System> Automatic random questions for contest

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| **USE CASE – SBW04** | | | |
| **Use Case No.** | SBW04 | **Use Case Version** | 1.0 |
| **Use Case Name** | Automatic random question for contest | | |
| **Author** | Tran Hoang Hai | | |
| **Date** | 19/01/2015 | **Priority** | High |
| **Actor:**   * System.   **Summary:**   * System automatically random question in the system then show for user do contest.   **Goal:**   * Question for contest created show to user.   **Triggers:**   * Student view job content and choose “Thi Tuyển Dụng” button.   **Preconditions:**  **Post Conditions:**   * **Success**: Random question will create show for student who joined to do contest. * **Fail:** No contest will be created. Show error message.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | |  |  |  |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | |  |  |  |   **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | |  |  |  |   **Relationships:** N/A  **Business Rules:**   * Questions are selected randomly each time student take the quiz. * Questions in the quiz will be randomly shuffled each time a student starts a new attempt at the quiz. The intention is to make it a little harder for students to copy from each other. | | | |

### <System> Automatic suggest candidates for employer

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| **USE CASE – SBW05** | | | |
| **Use Case No.** | SBW05 | **Use Case Version** | 1.0 |
| **Use Case Name** | Automatic suggest candidates for employer | | |
| **Author** | Tran Hoang Hai | | |
| **Date** | 19/01/2015 | **Priority** | High |
| **Actor:**   * System.   **Summary:**   * System will suggest suitable candidates with job requirements of employers.   **Goal:**   * System will get resource from database then show list of candidates will show for employers. That help employer can send message to notify job to student   **Triggers:**  **N/A**  **Preconditions:**   * N/A.   **Post Conditions:**   * **Success**: System will show list candidate for employer. * **Fail:** Error happened.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | . |  |   **Alternative Scenario:** N/A  **Exception:** N/A  **Relationships:** N/A  **Business Rules:**   * Personal information of student will be hide. * Notify warning about job will be sent to candidate have profile suitable with required of employer. | | | |

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| **Actor:**   * Administrator.   **Summary:**   * This use case allows Administrator to create new staff account.   **Goal:**   * Add new staff account to system.   **Triggers:**   * Administrator want to add more staffs to manage contests.   **Preconditions:**   * Login to system with role Administrator.   **Post Conditions:**   * **Success**: New staff will be created in database. * **Fail:** No staffs will be created. Show error message.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | User choose “Tạo nhân viên” function | Navigate to administrator page which contains:   * Tên đăng nhập: textbox, min length: 6, max length: 30, required. * Vai trò: drop-down list, raw source: “Người quản trị”, “Nhân viên” và “Người dùng”, default value: “Nhân viên”, required. * Tên đầy đủ: textbox, min length: 6, max length: 50, required * Email: textbox, min length: 6, max length: 50, regular expression: “^[\_A-Za-z0-9-\\+]+(\\.[\_A-Za-z0-9-]+)\*@[A-Za-z0-9-]+(\\.[A-Za-z0-9]+)\*(\\.[A-Za-z]{2,})$”, required * Tạo tài khoản: button. * Xóa trắng nội dung: button. | | 2 | Admistrator fills data to the form. | All data is fully filled. | | 3 | Administrator clicks “Tạo nhân viên” button. | Insert new user account to the database and redirect to administrator page. |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Administrator clicks “Xóa trắng nội dung”. | Clear all input data. |   **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Length of username is not in range. | Show error message: “Độ dài username phải từ 6-30 ký tự!” | | 4 | Role is not specified. | Show error message: “Phải phân quyền cho user!” | | 5 | Email is not match regular expression | Show error message: “Email phải có dạng abc@example.com!” | | 6 | Length of fullname is not in range. | Show error message: “Độ dài tên đầy đủ phải từ 6-50 ký tự!” | | 7 | Username’s existed already. | Show error message: “Trùng tên đăng nhập! Vui lòng chọn tên khác!” |   **Relationships:** Manage user account.  **Business Rules:**   * Each created account must be in active state when insert to database. * Password is generated by system. * Password is sent to staff email automatically. * Staff must change password when they login system for the first time. |

***Active/Inactive Roles***

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| **USE CASE – XXXXX** | | | |
| **Use Case No.** | XXXXX | **Use Case Version** | 1.1 |
| **Use Case Name** | Activate/Deactivate Role | | |
| **Author** | Vu The Anh | | |
| **Date** | 18/01/2015 | **Priority** | Normal |
| **Actor:**   * Administrator.   **Summary:**   * This use case allows administrator to activate/deactivate staff account.   **Goal:**   * An account will be actived/inactive.   **Triggers:**   * Administrator want to activate/deactivate a user account.   **Preconditions:**   * Administrator must login to system with role Administrator.   **Post Conditions:**   * **Success**: A user with active status will be turned into inactived status. Or a user with inactive status will be turned into actived status. * **Fail:** Nothing is updated. Show Error Message.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Choose manage staff account function | Navigate to administrator page which contains:   * A table with 4 column:   + Số thứ tự.   + Tên đăng nhập.   + Tên đầy đủ.   + Trạng thái: drop-down list, raw source: “Không hoạt động”, “Hoạt động”, default value: “Hoạt động” * Lưu trạng thái: button. | | 2 | - User with active status. Admin changes status to “Không hoạt động”. Click on “Lưu trạng thái” button.  - User with inactive status. Admin changes status to “Hoạt động”. Click on “Lưu trạng thái” button | System will show message box:   * “Bạn có muốn thay đổi trạng thái nhân viên này?” | | 3 | Click “Có” button. | A user account will be active/inactive. |   **Alternative Scenario:** N/A  **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Cannot activate the account due to database connection. | Show error message: “Không thể kích hoạt hoạt động! Vui lòng thử lại sau.” | | 2 | Cannot deactivate the account due to database connection. | Show error message: “Không thể khóa hoạt động! Vui lòng thử lại sau.” |   **Relationships:** Manage user account.  **Business Rules:** Administrator can’t activate/inactivate account of themselves or other administrator. | | | |