# Use Case # 1 Hiring an employee

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| GENERAL CHARACTERISTICS | |
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| **Last Update:** | 2/17/2017 |
| **Scope** | Resturant Automation System |
| **Level** | User Level |
| **Status** | Finalized  Conceptualization |
| **Primary Actor** | Resturant Manager, A person who has the authority to hire and fire employees. |
| **Secondary Actors** | New employee. |
| **Stakeholders and Interests** | * Resturant Owner, wants to keep track of the employees and payroll cost. * Resturant Manager, wants to hire an employee to do certain job. * The employee, wants to be hired to do sertain job for a pay. |
| **Preconditions** | Manager is idintified and authinticated. |
| **Success Post Condition** | A new employee record is created and saved, the payroll sheets are updated accordingly. |
| **Failed Post Condition** | No new employee records are created nor deleted. The payroll sheets are not changed. |

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| MAIN SUCCESS SCENARIO (or basic flow) | |
| **Step** | **Action -** description in words of each step in success scenario |
| 1 | Manager decides to hire a new employee. |
| 2 | Manager starts a new employee application. |
| 3 | Manager enters the new employee information; name, date of birth , address, phone number, position, salary, work times, start and end date. |
| 4  5  6  7 | Manager submit the application.  System creates a new employee record with a unique id.  System updates payroll sheet with the new employee salary.  System prints an id card wih the name, id, and barcode identifier of the empoyee. |

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| EXTENSIONS or Alternate Flows | |
| **Step** | **Branching Action** |
| *a.*  *1-4* | At anytime, System fails:  To support recovery, ensure all information can be recovred from any steps of the senario.   1. Manager restarts the system, logs in and requests a recovery to prior state. 2. System reconstructs previouse state.   2.a System detects anomails preventing recovery:  1.System signals error to Manager, records the error and enter clean state.  2. Manager starts a new employee application.  Manager cancels the application.   1. The application information is destroyed. 2. No new employee record is created nor the payroll sheets are changed. |
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| SPECIAL REQUIREMENTS | |
| **Req Num** | **Requirement** |
|  | N/A |

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| TECHNOLOGY AND DATA VARIATIONS LIST | |
| **Var Num** | **Variation** |
| *1*  *2* | System must support card printing.  System must support reading cards. |

***FREQUENCY OF OCCURRENCE***: Sometimes.

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| OTHER ISSUES | |
| **Issue Num** | **Issue** |
|  | N/A |