**Use Case Description Name:** Print Label System

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| Use Case Name: Create Label Design ID: 1 | Use Case Name: Edit Label Design ID: 2 |
| Primary Actor: Employee Use Case Type: | Primary Actor: Employee Use Case Type: |
| Stakeholders and Interests: Employee | Stakeholders and Interests: Employee |
| Brief Description: Employee creates new label design and system stores the new label design in the database | Brief Description: Employee edits an already existing label and system stores the updated label design in the database |
| Trigger: Employee requests to create a new label design  Type: **External** / Internal / Temporal | Trigger: Employee requests to edit an already existing label design  Type: **External** / Internal / Temporal |
| Relationships  Association: Employee  Include:  Extend:  Generalization: | Relationships  Association: Employee  Include:  Extend:  Generalization: |
| Normal Flow of Events:   1. Employee requests to create a label design 2. System requests name for label 3. Employee provides name 4. System validates 5. System requests label information 6. Employee provides label information 7. System creates label design and stores in database | Normal Flow of Events:   1. Employee requests to edit a label 2. System displays list of labels 3. Employee selects label to edit 4. System displays all information for the selected label 5. Employee provides changes and submits 6. System validates 7. System stores changes in database |
| Subflows:  7A. System requests to build a copy of an existing label or create a new label  7B. Employee provides choice | Subflows: |
| Alternate/Exceptional Flows:  5. If name exists or is already used, system provides error message  7. If information is incomplete or has errors, system shows information to employee for corrections | Alternate/Exceptional Flows:  6. If information is incomplete or has errors, system shows information to employee for corrections |

**Use Case Description Name:** Print Label System

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| Use Case Name: Scan/Enter Information ID: 3 | Use Case Name: Print Label ID: 4 |
| Primary Actor: Employee Use Case Type: | Primary Actor: System Use Case Type: |
| Stakeholders and Interests: Employee | Stakeholders and Interests: Employee |
| Brief Description: Employee enters label information to be printed | Brief Description: System prints a label |
| Trigger: Employee requests to print 1 new label or multiple labels  Type: **External** / Internal / Temporal | Trigger: System service runs after a certain amount of time  Type: External / **Internal** / Temporal |
| Relationships  Association: Employee  Include:  Extend:  Generalization: | Relationships  Association:  Include:  Extend:  Generalization: |
| Normal Flow of Events:   1. System displays list of available labels 2. Employee selects a label from list 3. System retrieves label information 4. System displays information 5. Employee scans “A” or types “B” 6. System validates information 7. System creates row in LabelToPrint 8. Employee repeat 7 or exit system | Normal Flow of Events:   1. System checks for new rows matching local label printer in LabelToPrint table 2. If new rows matching criteria exist, System prints new labels using matching rows 3. System updates print status on matching rows in LabelToPrint table |
| Subflows:  7A. Employee scans a barcode  7B. Employee types out information for label | Subflows: |
| Alternate/Exceptional Flows:  8. If information is incomplete or has errors, system shows information to employee for corrections | Alternate/Exceptional Flows:  2. If labels are unable to print, System provides error message |

**Use Case Description Name:**

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| Use Case Name: Save Favorites ID: 5 | Use Case Name: ID: |
| Primary Actor: Employee Use Case Type: | Primary Actor: Employee Use Case Type: |
| Stakeholders and Interests: Employee | Stakeholders and Interests: |
| Brief Description: Employee sets a favorite label to use | Brief Description: |
| Trigger: Employee requests to save a favorite label (and/or printer?)  Type: **External** / Internal / Temporal | Trigger:  Type: External / Internal / Temporal |
| Relationships  Association: Employee  Include:  Extend:  Generalization: | Relationships  Association:  Include:  Extend:  Generalization: |
| Normal Flow of Events:   1. Employee selects a label 2. Employee requests to save as favorite 3. System updates a table in the database | Normal Flow of Events: |
| Subflows: | Subflows: |
| Alternate/Exceptional Flows: | Alternate/Exceptional Flows: |