

# Mail Database Project

Christian Johnson      Dan Nusraty      Dylan McGill  
Mailroom 2.0

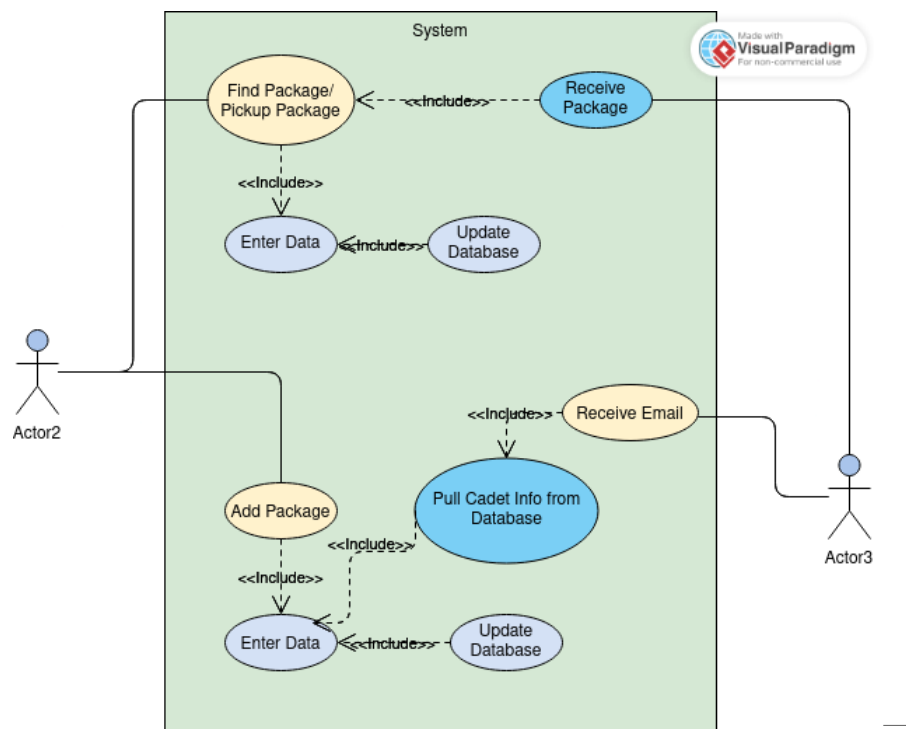
February 3, 2024

## 1 Functional Requirements

- Accept data entry
- Record tracking number and addressed box number for incoming packages
- Add entered information into sql database
- Associate incoming packages with Cadet information based on addressed box number
- Notify Cadet upon package arrival
- Record package status (Picked up or not)
- Search database for packages
- Display all packages matching search terms
- Easily update package status

## 2 Non Functional Requirements

- Will not misassociate packages
- Will allow package entry, given necessary data, within 5 seconds
- Will be easily navigable, with all system functions available within 5 clicks
- Will allow package retrieval, given sufficient search information, within 10 seconds
- Will never fail to retrieve Cadet information, given sufficient correct search information
- Will never allow a package entry without associated Cadet information and association



### 3 Use Case Diagram

### 4 Individual Use Cases

#### 4.1 Dan

#### 4.2 Christian

#### 4.3 Dylan

### 5 Meeting Summaries