

# Mail Database Project

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Optimail

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## Preface

Tasks to complete assignment:

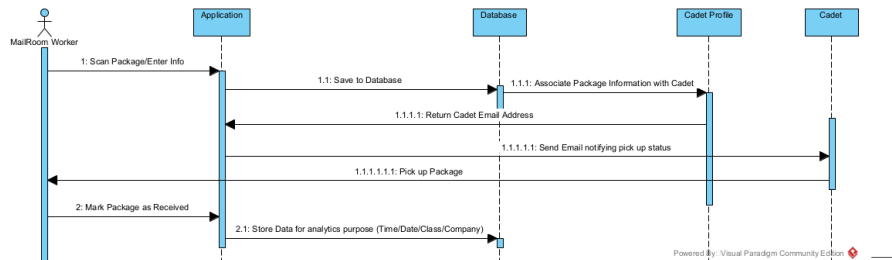
- Refine application for use
- Analytics Tracking
- Reports and Settings Completion
- Specific classifications/tags for individual packages
- Secure authorization system for users
- Logout feature

Lessons learned and changes from feedback:

- Team should focus more on step-by-step procedures, in order to stay organized.
- Require "Admin" or some higher authority credentials to manually add/edit packages within a "database interface"
- Scanning capability
- If package is not picked up within 30 days, archive
- If archived for 6 months, delete from database

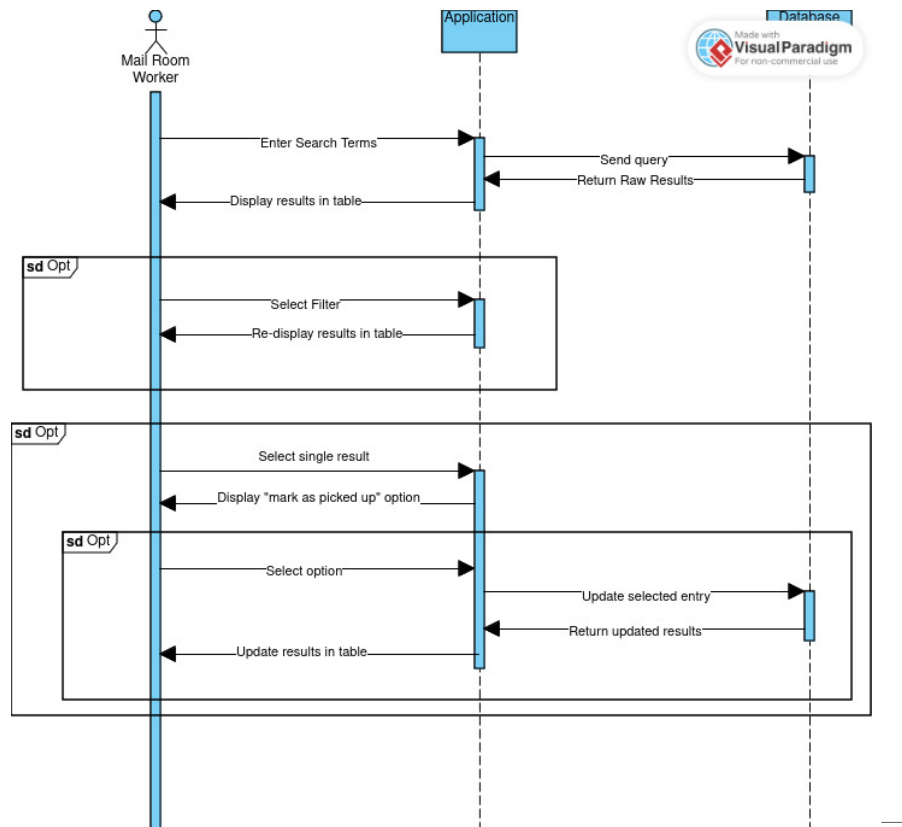
## Sequence Diagrams

### Dylan - Whole System Overview



Dan

Christian - "Search Packages"



State Diagrams

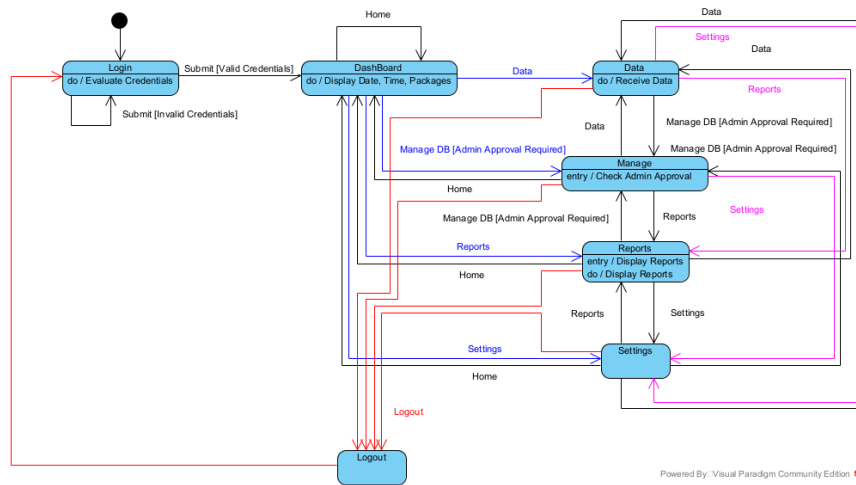
Dylan

Dan

Christian

Github Repository

A Github Repository has been created. Groupmembers and Instructor were added as collaborators.



## Group Meeting Summaries

3/6/2024:

- Reviewed current functionality
- Reviewed Github functionality
- Familiarized with Github and Git interfaces
- Planned for presentation

3/8/2024:

- Planned work assignments
- Divided work over break

3/19/2024:

- Discussed work done over break
- Put together Project Part 4 report

Activities Reviewed:

- Reports tab
- Settings tab

- Scanner functionality
- Cadet info/provacy considerations
- Need to implement logout feature

Major decisions:

- Require admin approval for manage DB option
- Track company, class, date/time of package pickup (already implemented, need to include in reports)
- Settings: light/dark mode, ui preferences