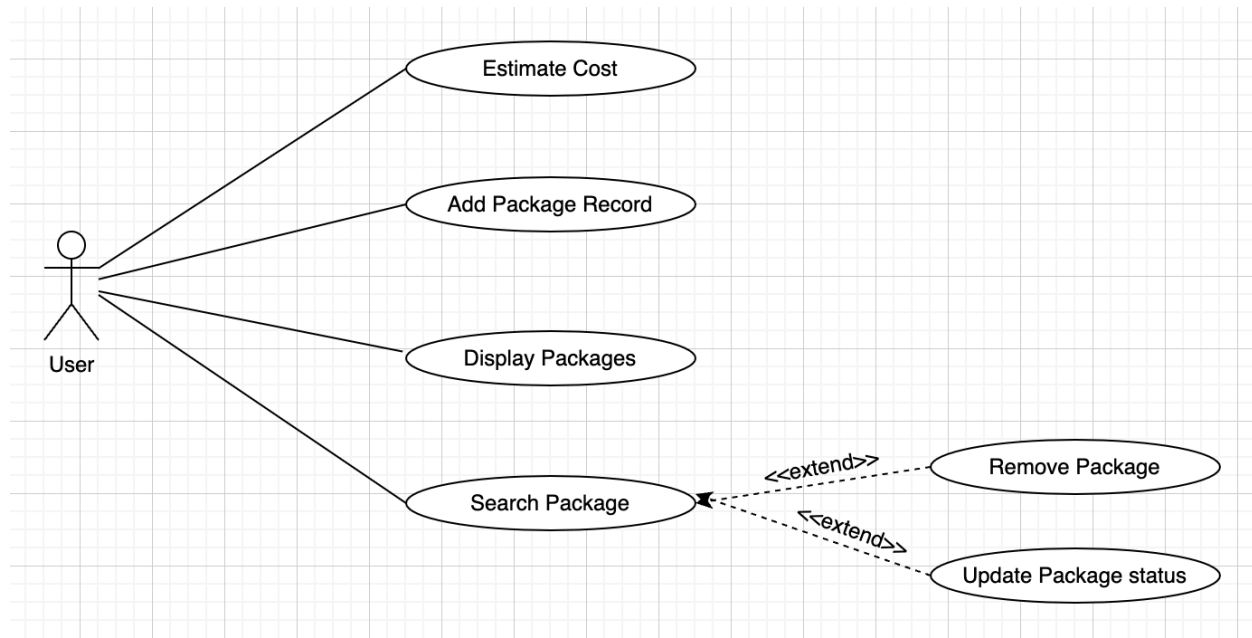


Mailing Service Final Project

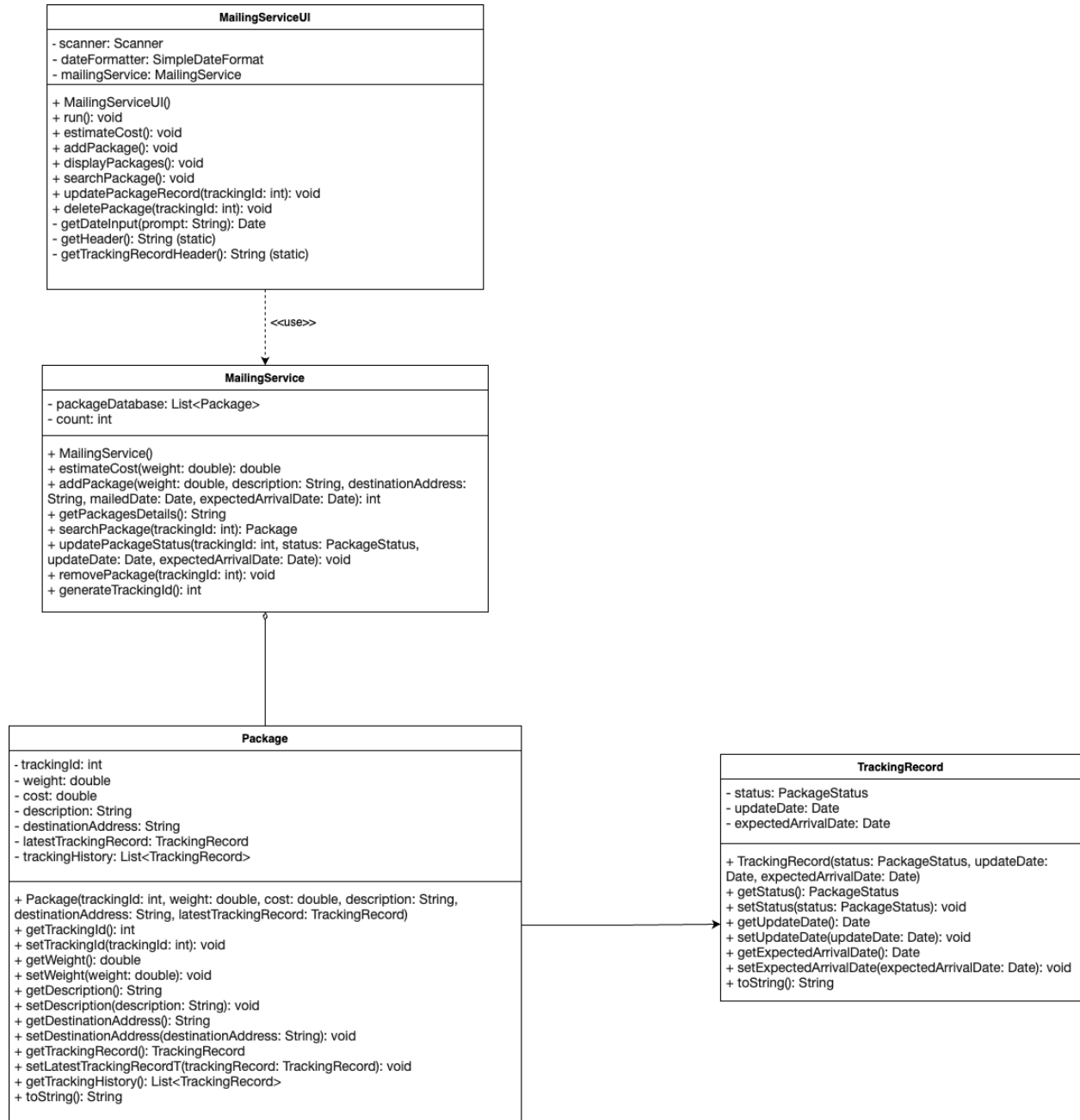
Use case diagram



- Cost Estimation
 - Overview: Allows users to input the package weight and receive an estimated cost for shipping
 - Actors: User
- Add Package Record
 - Overview: Enables users to record a new package by entering details such as weight, description, destination address, mailed date, and expected arrival date. The system generates a tracking ID
 - Actors: User
 - Preconditions: User must have package details
 - Postconditions: Package is recorded with a unique tracking ID
- Display Packages
 - Overview: Displays a list of packages with details such as description, weight, destination address, status, expected arrival date, and the last updated time.
 - Actors: User
- Search Package
 - Overview: Allows users to search for a package using its tracking ID and displays package details and tracking history
 - Actors: User
 - Related use cases: Update package status, Remove package
- Update package status

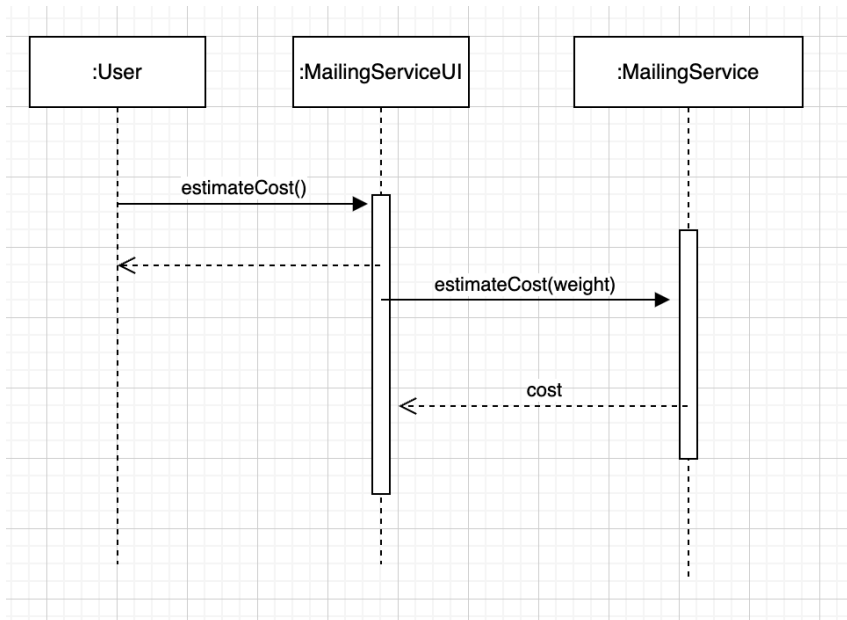
- Overview: Users can update the status of a package (e.g., packed, in transit, delivered) and adjust the expected arrival date.
 - Actors: User
 - Preconditions: User must have searched for the package.
 - Postconditions: Package status or expected arrival date are updated.
 - Related use cases: Search Package
- Remove package:
 - Overview: Allows users to remove a package from the system using its tracking ID
 - Actors: User
 - Preconditions: User must have searched for the package.
 - Postconditions: Package is removed from the system.
 - Related use cases: Search Package

Class Diagram

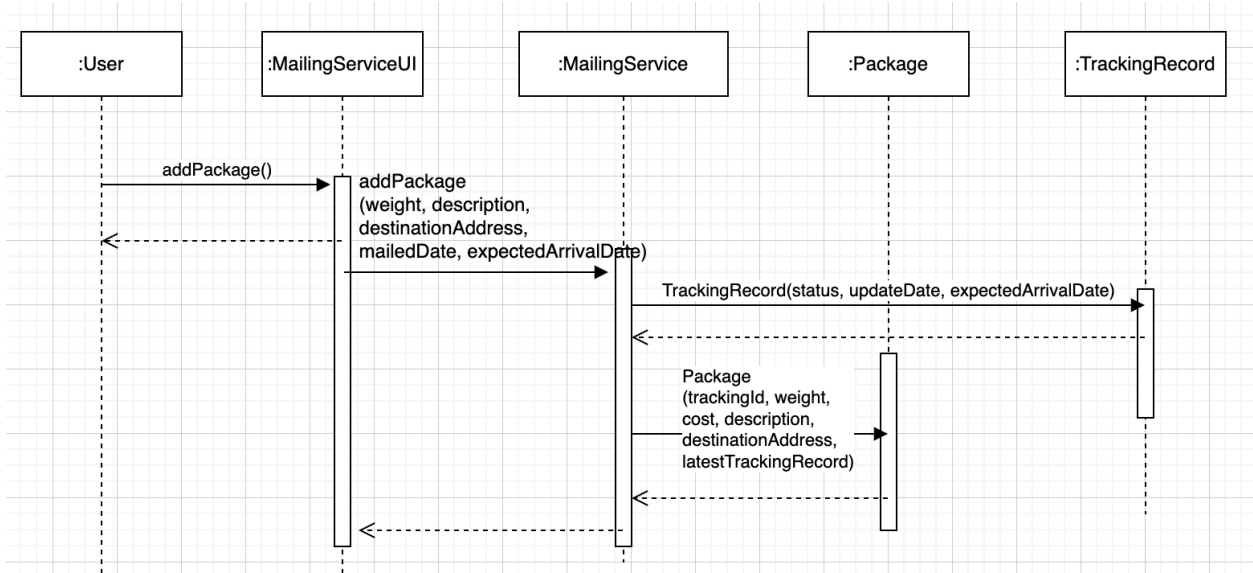


Sequence Diagrams

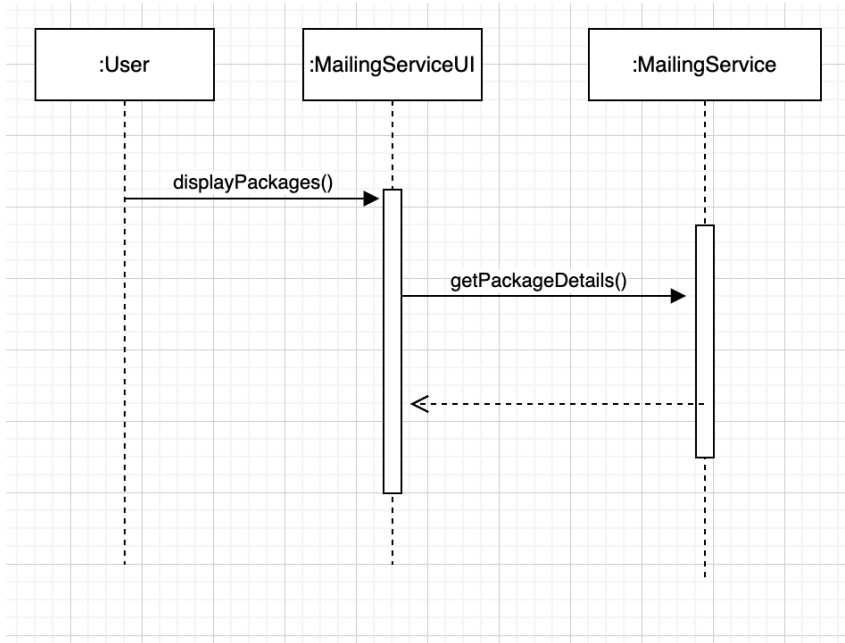
Cost Estimation



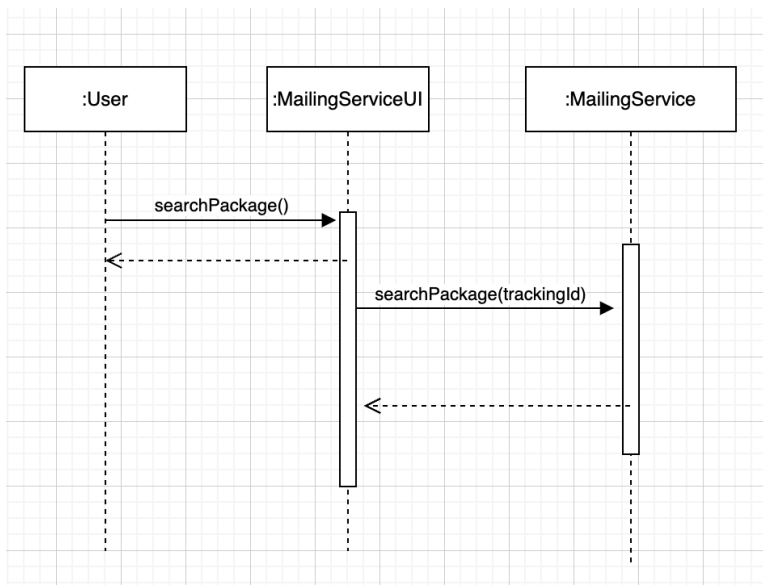
Add package record



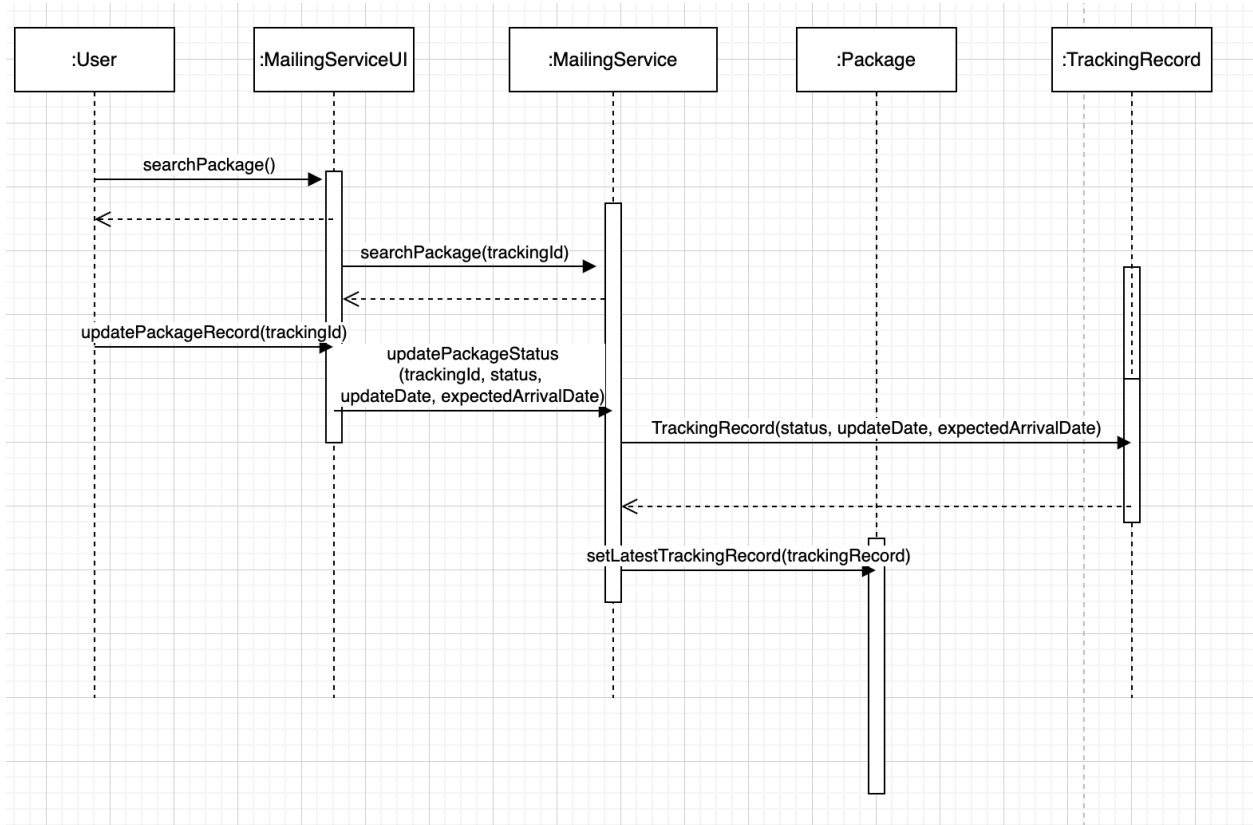
Display Packages



Search Package



Update Package Status



Remove Package

