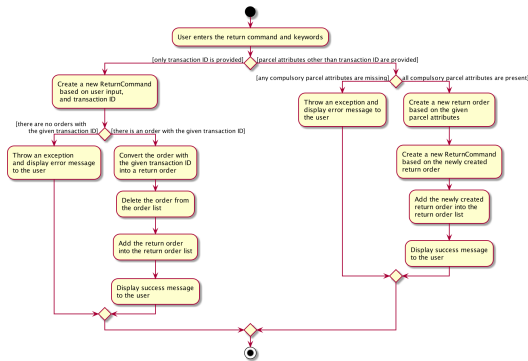
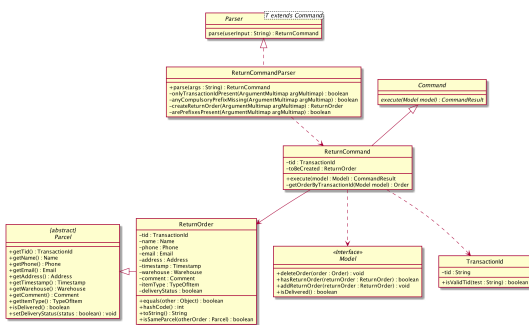


# Cher Wei Jie UML Diagrams

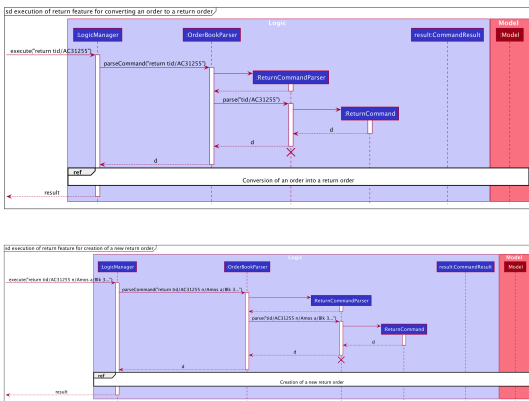
## • Return Features UML Diagrams



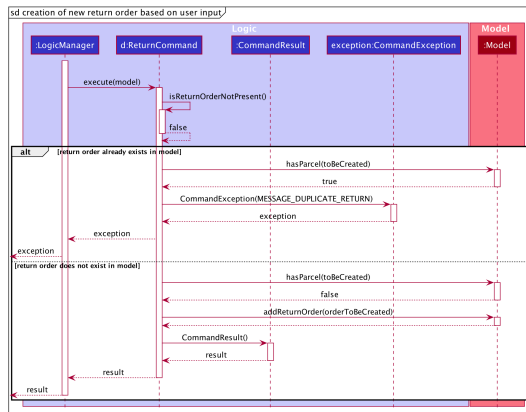
This Activity Diagram purpose is to describe the general work flow of the Return feature.



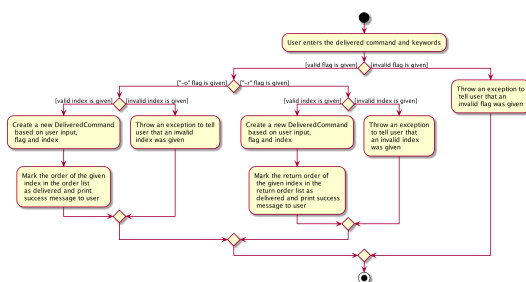
This Class Diagram purpose is to describe the dependencies of **ReturnCommand** class when implementing this feature. It allows a developer to easily see the classes and interfaces associated with the **ReturnCommand**.



The first Sequence Diagram depicts a simple overview of the entire execution flow of a valid **return** command for converting a delivered order into a return order. The second Sequence Diagram depicts a simple overview of the entire execution flow of a valid **return** command for creating a new return order based on given parcel attributes.



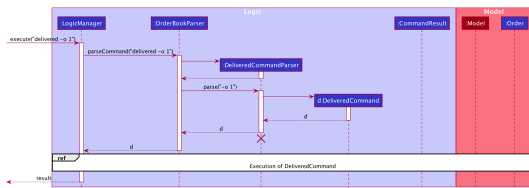
- **Delivered Features UML Diagram**



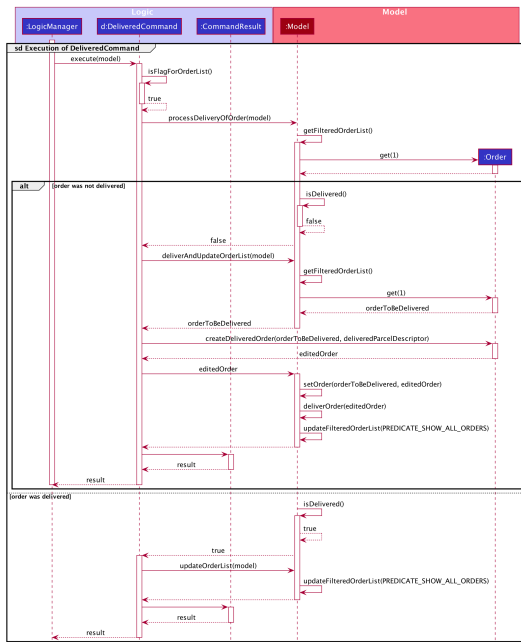
```

classDiagram
    class Parser {
        <<extends Command>>
        getArgument() String
    }
    class DeliveredCommandParser {
        +parserArg: String
        +deliveredCommand: DeliveredCommand
        +commandArg: String
        +commandArgIndex: Integer
        +commandArgList: List<String>
        +commandArgListIndex: List<String>
        +commandArgListIndexList: List<String>
        +commandArgListIndexListIndex: List<String>
    }
    class Command {
    }
    class executeModel {
        +model: CommandResult
    }
    class DeliveredCommand {
        +argument: Index
        +arg: Arg
        +deliveredParser: DeliveredCommandParser
    }
    class executeModel {
        +model: CommandResult
    }
    Parser <|-- DeliveredCommandParser
    DeliveredCommandParser --> DeliveredCommand
    DeliveredCommandParser --> executeModel
    Command --> executeModel
    DeliveredCommand --> executeModel
    
```

This Class Diagram purpose is to describe the dependencies of **DeliveredCommand** class when implementing this feature. It allows a developer to easily see the classes and interfaces associated with the **DeliveredCommand**.

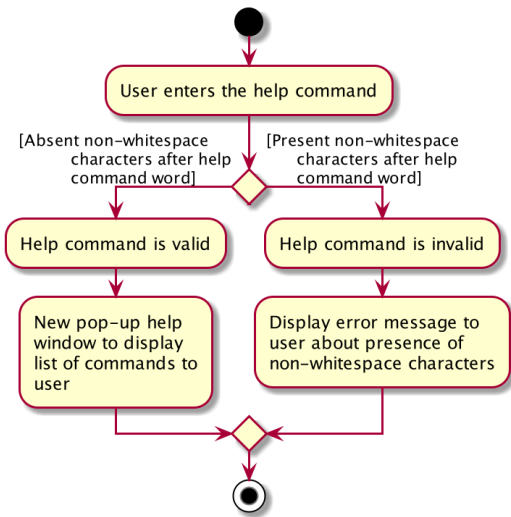


This Sequence Diagram depicts a simple overview of the entire execution flow of a valid **delivered** command for marking an order or return order as delivered.

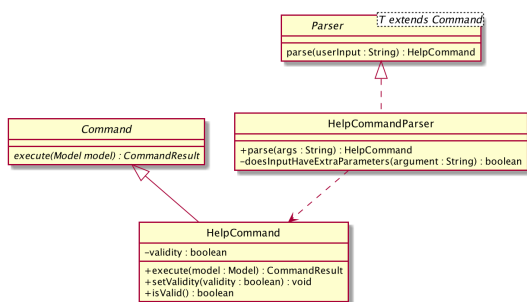


This Sequence Diagram depicts a detailed execution flow of a valid **delivered** command for delivering an order and this will throw an exception and display an error message to the user if the **FLAG** and/or the **INDEX** is/are invalid or missing. If both **FLAG** and **INDEX** are valid, the **delivered** command will update the respective order or return order list (depending on the provided **FLAG**) and display the success message to the user in the GUI.

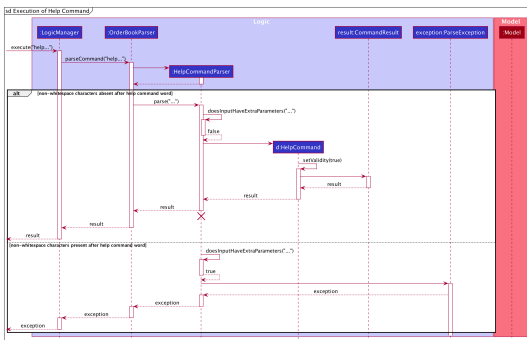
## • Help Features UML Diagram



This Activity Diagram purpose is to describe the general work flow of the Delivered feature.



This Class Diagram purpose is to describe the dependencies of **DeliveredCommand** class when implementing this feature. It allows a developer to easily see the classes and interfaces associated with the **DeliveredCommand**.



This Sequence Diagram depicts detailed execution flow of a valid **help** command when it is executed. A **help** command is only valid if there are no non-whitespace characters following the **help** command word. The **help** command is used for displaying Delino’s list of commands to the user.