

Exercise 2.6

Table E.1: Answer to Exercise 2.6

No.	Source	Date	Description	Priority	Related reqs.	Related docs.	Change details
2.1	Interview with Annie Price	10/02/04	Keep record of essential customer details (name, address, contact details, etc.)	Essential	2.2	Current bike cards	

Chapter 3

Exercise 3.1 Library system

- a Use case: Issue book; Actor: Librarian
- b Use case: Issue book; Actor: Librarian
- c Use case: Issue book; Actor: Librarian
- d Use case: Handle book return; Actor: Librarian
- e Use case: Search catalogue; Actor: Member
- f Use case: Reserve book; Actor: Member
- g Use case: Add new book; Actor: Librarian.

Notice that scenarios a, b and c, although they document quite different sequences of events, are for the same use case: ‘Issue book’. All three scenarios have the goal of lending a book to a customer but take different routes to achieve it; in the case of scenario c the goal is not achieved at all. See Figure E.3 for use case.

Exercise 3.2 Library system

The «include» relationship indicates that the ‘Reserve book’ use case always uses the functionality specified in ‘Search catalogue’. The use case description for ‘Reserve book’ will not have to duplicate functionality already described in the ‘Search catalogue’ use case description. See Figure E.4 for use case.

Exercise 3.3 Cool Cuts

- a Use case: Make appointment; Actor: Junior
- b Use case: Make appointment; Actor: Junior