COMP 3111
SOFTWARE ENGINEERING

LECTURE 15
TESTING
ACCEPTANCE TESTING EXERCISE

EXERCISE: MOVIE SHOP ACCEPTANCE TESTS

The following statements are extracted from the movie sales and rental shop problem statement.

- The system must be able to handle both physical and digital movies.

- It must be able to record which movies are sold and rented and by whom.

- Members … can buy and rent digital movies via the Web.

- A sales clerk should be able to sell and rent physical movies and process the return of rented physical movies.

Restate these requirements in a testable way and group them by functionality.

EXERCISE: MOVIE SHOP ACCEPTANCE TESTS

– The system must be able to handle both physical and digital movies.

~~The system handles the selling of movies.~~

~~The system handles the renting of movies.~~

> **Too broad and subsumed by subsequent requirements.**

– It must be able to record which movies are sold and rented and by whom.

The system records information about who bought a movie.

The system records information about who rented a movie.

– Members … can buy and rent digital movies via the Web.

Member can buy a movie.

Member can rent a movie.

– A sales clerk should be able to sell and rent physical movies and process the return of rented physical movies.

Sales clerk can sell a movie.

Sales clerk can rent a movie.

Sales clerk can process the return of movie rentals.

EXERCISE: MOVIE SHOP ACCEPTANCE TESTS

Restated Requirements Grouped

Buying Movies

Member can buy a movie.

Sales clerk can sell a movie.

The system records information about who bought a movie.

Renting Movies

Member can rent a movie.

Sales clerk can rent a movie.

The system records information about who rented a movie.

Sales clerk can process the return of movie rentals.

EXERCISE: MOVIE SHOP ACCEPTANCE TESTS

Acceptance Tests

Buying Movies

Demonstrate that a member can buy a movie.

Demonstrate that a sales clerk can sell a movie.

Demonstrate that the information about who bought a movie is recorded.

Renting Movies

Demonstrate that a member can rent a movie.

Demonstrate that a sales clerk can rent a movie.

Demonstrate that the information about who rented a movie is recorded.

Demonstrate that a sales clerk can process the return of movie rental.