



COMP 4339 – Software Analysis and Design

Chapter 7: Defining the System Architecture

Chapter 8: Designing the User Interface

Assignment #3

Date: 10/05/2015 Name: MEDINA COLIC

Grade:

1. Develop a dialog that encompasses the following storyboard. The system supports rental and download of movies or television shows to a computer or digital video recording and playback device.

Video Rental Service

Rentals | Membership | Utilities | Help

Rent
Return
Query
Lost
Exit

Video Rental Service

Rentals | Membership | Utilities | Help

eMail or Account #
nwells22@gmail.com

Password

Login Cancel

Video Rental Service

Rentals | Membership | Utilities | Help

Nancy Block, 1122 Silican Ave
San Francisco, CA

Member Since 2010
Last Rental 2/29/2012

Search Titanic Go

Video Rental Service

Rentals | Membership | Utilities | Help

Nancy Block, 1122 Silican Ave
San Francisco, CA

Member Since 2010
Last Rental 2/29/2012

Search Titanic Go

Titanic (1953) PG 2.99 7 day ☐

Titanic (2007) PG-13 5.99 7 day ☐

Video Rental Service

Rentals | Membership | Utilities | Help

Nancy Block, 1122 Silican Ave
San Francisco, CA

Member Since 2010
Last Rental 2/29/2012

Search Titanic Go

Titanic (1953) PG 2.99 exp 4/10/2012 ☒

Titanic (1997) PG-13 5.99 exp 4/10/2012 ☒

Video Rental Service

Rentals | Membership | Utilities | Help

Nancy Block, 1122 Silican Ave
San Francisco, CA

Member Since 2010
Last Rental 2/29/2012

Search Titanic Go

Titanic (1953) PG 2.99 exp 4/10/2012 ☒

Titanic (1997) PG-13 5.99 exp 4/10/2012 ☒

Charge Visa CC ...0899 ? ☐

OK Cancel

Total Rentals \$ 8.98
Tax \$.63
Total \$ 9.60

Video Rental Service

Rentals | Membership | Utilities | Help

Nancy Block, 1122 Silican Ave
San Francisco, CA

Member Since 2010
Last Rental 2/29/2012

Search Titanic Go

Movies are downloading now.
Both expire on 4/10/2012

Confirmation email sent to
nwells22@gmail.com

Charge Visa CC ...0899 ? ☒

OK Cancel

Total \$ 9.60



From storyboard to dialog:

System: What would you like to do?

User: I would like rent videos/movies.

System: Okay. Enter your email address or account number.

User: My email address is nwells22@gmail.com.

System: Welcome Nancy. You can search for your video/movie now.

User: The video/movie I am searching for is called "Titanic".

System: There are two options for renting/downloading the movie you searched for: Titanic (1953) PG \$2.99 expiring on 4/10/2012, and Titanic (1997) PG-13 \$5.99 expiring on 4/10/2012.

User: Okay. I am taking one PG and one PG-13 option for rent/download.

System: Okay. Your total is \$9.60. Would you like to proceed to pay with your card that is stored from before?

User: Yes, I would like to pay with the previously stored card.

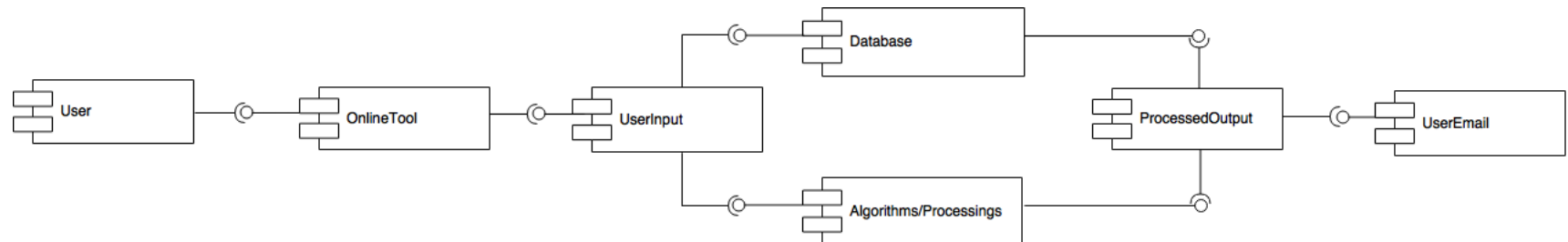
System: Thank you. Your movies have been downloading now and they are expiring on 4/10/2012.

You can check the confirmation on your email.



2. Draw a component Diagram based on your chosen course project.

Component Diagram for Bioinformatics Algorithms – Online Tool





3. Draw a deployment Diagram based on your chosen course project.

Deployment Diagram for Bioinformatics Algorithms – Online Tool

