Program Specification 1.1.2.2 for Digital Music Download System

Module

Name:	Find_tune_by_Title
Purpose:	Display basic tune information, using a title input by the user
Progammer:	John Smith
Date due:	April 26, 2009

☐ C   ■ HTML/PHP   ☐ Visual Basic   ☐ Javascript

Events

search by title push-button is clicked

search by title hyperlink is selected

Input Name:	Type:	Provided by:	Notes:
Tune title	String (50)	Program 1.1.2	

Output Name:	Type:	Used by:	Notes:
Tune ID	String (10)	Program 1.1.2	
Not_found	Logical	Program 1.1.2	Used to communicate when tune is not found

Pseudocode

```
(Find_tune module)
not_found =True
  For all tune titles in Available Tunes table
      If user title matches tune title, save tune ID
      not-found = False
      End If
End For
Return
```

Other

Business rule: If no matching tunes are found, the "Artist of the week" will appear to the user.

Note: A control couple containing a not _found flag should be included from 1.1.2.2 to 1.1.2 to instruct 1.1.2 to display a not found message to the user and the Artist of the week.

FIGURE 10-22
Program Specification for Find Tune by Title