

Use Case Name: Search and browse tunes		ID: UC -1	Priority: High
Actor: Tune Shopper			
Description: This use case describes a tune shopper who searches and browses through tunes			
Trigger: Tune shopper arrives at Web site to search and browse through tunes			
Type: <input checked="" type="checkbox"/> External <input type="checkbox"/> Temporal			
Preconditions: Web site is available Tune database is on-line			
Normal Course:		Information for Steps:	
1.0 Search and browse tunes and select tune to purchase			
1. System displays default home page or customized page			
2. Tune Shopper browses links on page or enters account username and password		← Username/password	
3. Tune Shopper want to create an account: perform Create Account use case			
4. Tune Shopper enters search request		← Search criteria	
5. System displays tune(s) matching search request		← Tunes matching search	
6. Tune Shopper selects a tune and wants to hear a sample		← Tune samples	
		→ New Interest	
7. Tune Shopper selects a tune to add to Favorites		→ New Favorites	
8. Tune Shopper selects a tune to remove from Favorites		→ Modified Favorites	
9. Tune Shopper selects a tune to buy by placing it in shopping cart		→ New Shopping Cart Entry	
10. Tune Shopper selects a tune to remove from shopping cart		→ Modified Shopping Cart	
Alternative courses:			
1.1 Tune Shopper is a return visitor (branch at step 1)			
1. System displays page customized for the return visitor using Interests from prior visits		← Interests database	
1.2 Tune Shopper has created an account (branch at step 2)			
1. System displays welcome message to account holder		← Favorites database	
2. Page is customized for the account holder using Favorites List and Targeted Promotions		← Targeted Promotions database	
Postconditions:			
1. One or more tunes are added to shopper Interests			
2. Account holder favorites list may be modified			
3. Shopping cart contents may be modified			
Exceptions:			
E1: Account is not valid (occurs at step 2)			
1. System displays message that username/password is not valid.			
2. System asks Tune Shopper to re-enter username/password or contact customer service for help.			
E2: Search request returns no results (occurs at step 3)			
1. System displays message that no results were found for that search			
2. System asks Tune Shopper to try another search			
Summary			
Inputs	Source	Outputs	Destination
Username/password	Tune Shopper	New Interest	Interests database
Search criteria	Tune Shopper	New Favorites	Favorites database
Tunes matching search	Tunes database	Modified Favorites	Favorites database
Tune samples	Tune Samples database	New Shopping Cart Entry	Shopping Cart database
		Modified Shopping Cart	Shopping Cart database

**FIGURE 4-14**  
Tune Source Use Cases