



System Test Plan

Team: Tech Support

David Febles - Project Manager

Ayush Shukla - Quality Assurance Lead

Subhash Ramesh - Software Architect

Sabeel Mansuri - User Interface Specialist (I)

Shuusei “Shu” Yoshida - User Interface Specialist (II)

Raghavan Kope - Database Specialist

Somsubhro “Som” Dhar - Business Analyst

Pranav Narasimmaraj - Algorithm Specialist

Kelvin Chan - Senior System Analyst

Amithab Arumugam - Software Development Lead (I)

Nikhil Pathak - Software Development Lead (II)



Test Cases

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Legends

Priority

High: *Vital* - Features that are absolutely essential.

Medium: *Desired* - Features that are highly wanted but not required.

Low: *Optional* - Features that are nonessential add-ons.

Status

Cancelled

Not Started

In Progress

Complete

Glossary

Term	Definition
Account	Email and Password pair used to identify an account
Podcast	A video and audio recording of a specific course lecture
Favorite	A podcast that is specially marked as “Favorite” for easier access later
Transcript	A podcast transcribed to text
Query	A specific key term or phrase that is being searched by the user
Query history	Searches performed in the past tied to an account
Results	List of podcasts that contain the user query with noted timestamps and other relevant podcast information
Podcast Page	Represents the full view page of a single podcast if the user selects a result
Filters	Narrow search by podcast quarter, professor, department, and/or course number
Text-Blurb	Surrounding words spoken in a podcast around the given query

Preloaded Data

Gmail Account Credentials:

scriptorTestCase@gmail.com with password: cse110TS

Scriptor Account Credentials:

scriptorTestCase@gmail.com with password: 1234 for data-filled account

testEmail@gmail.com with password: testEmail for clean-slate account

TC-AD #1 Account Creation

Priority	Low
Status	Complete
Description	The user creates a new account with an email & password
User Goal	The user wishes to make an account to store and secure personal information
Desired Outcome	The user has successfully created a secure, personal account
Actor	User of the application
Dependent Test Cases	N/A
Requirements	SR #1
Pre-conditions	The user is not logged in and an account with the same email doesn't exist
Post-conditions	A user account with the respective email & password is stored in the database.
Trigger	The user wishes to create an account so that they can securely save query history and favorite podcasts to their individual account
Workflow	<ol style="list-style-type: none">1) The user shall click the "SIGN UP" button 2) The system shall display a sign-up popup

SIGN UP

Create an account below

Email

Password

Password Confirmation

SIGN UP

- 3) The user shall fill in the account information in the SIGN UP popup with Email: “testEmail1@gmail.com”, Password: “12345”, Password Confirmation: “12345”

SIGN UP

Create an account below

Email
testEmail1@gmail.com

Password

Password Confirmation

SIGN UP

- 4) The user shall click the “SIGN UP” button

SIGN UP

- 5) The system shall log the user in

Alternate Workflow

Invalid Email

- 3) The user shall fill in the account information in the SIGN UP pop with an invalid email such as “123” and press <ENTER>

Email

123

- 4) The system shall display an error message “Please enter a valid email”

Email

123

Please enter a valid email.

Password Mismatch

- 3) The user shall enter “test@gmail.com” as the email, “12345” as the first password, and “123” as the confirmation password and press <ENTER>
- 4) The system shall display an error message “Passwords do not match.”

Password

Password Confirmation

Passwords do not match.

Account Already Exists

- 3) The user shall enter “scriptorTestCase@gmail.com” as the email, “1234” as the first and confirmation password
- 4) The system shall display an error message “Account already exists.”

SIGN UP

Create an account below

Email
scriptorTestCase@gmail.com
Account already exists.

Password
....

Password Confirmation
....

SIGN UP

Password is Too Short

- 5) The user shall enter “123@gmail.com” as the email, “1” as the first password, and “1” as the confirmation password and press <ENTER>
- 6) The system shall display an error message “Password must be at least 4 characters.”

Password
*

Password Confirmation
*

Password must be at least 4 characters.

Expected Results

- The test passes when the user has logged in and can access their account details
- The first alternate test passes when the system displays the login form with “Invalid email” under the “Email” text box
- The second alternate test passes when the system displays the login form with “Passwords do not match.” under the “Password” text box
- The third alternate test passes when the system displays the login form with “Account already exists” under the “Email” text box

The fourth alternate test passes when the system displays the login form with “Password must be at least 4 characters.”

TC-AD #2 User Log In

Priority	Low
Status	Complete
Description	The user logs into their previously created account to view previous queries and favorite podcasts
User Goal	The user wishes to see information specific to their account stored from previous sessions on the app
Desired Outcome	The user successfully logs into their account and now can access their account history and favorite podcasts
Actor	User of the application
Dependent Test Cases	TC-AD #1
Requirements	SR #2
Pre-conditions	The user has already made an account and is not logged in
Post-conditions	The user has access to account history and favorites
Trigger	The user wishes to login in order to view their account history and favorite podcasts
Workflow	<p>1) The user shall click the “LOG IN” button (must be logged out)</p> <div style="background-color: #4682B4; color: white; padding: 10px; text-align: center;"> LOG IN </div> <p>2) The system shall display the login form</p>

LOG IN

Enter your details below

Email

Password

LOG IN

[Forgot your password?](#)

- 3) The user shall input the email “scriptorTestCase@gmail.com” in the “Email” text box and input the password “1234” in the “Password” text box**

LOG IN

Enter your details below

Email

scriptorTestCase@gmail.com

Password

....

LOG IN

[Forgot your password?](#)

- 4) The user shall click the “Login” button on the popup**

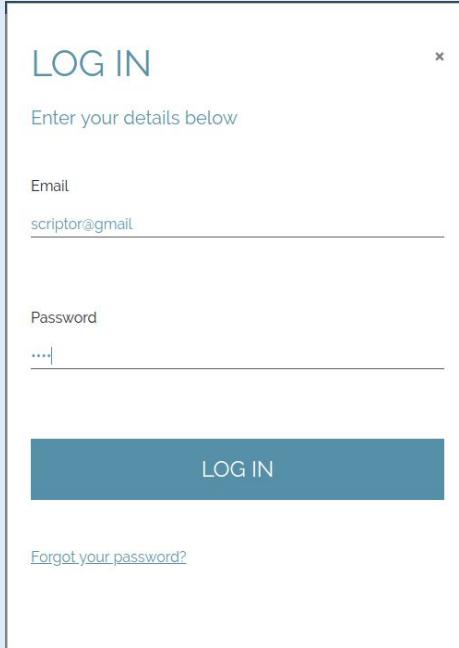
LOG IN

- 5) The system shall log the user into their account**

Alternate Workflow

Invalid Email

- 3) The user shall input an invalid email “scriptor@gmail” into the “Email” text box and “1234” into the “Password” text box



A screenshot of a login interface titled "LOG IN". It says "Enter your details below". There is an "Email" field containing "scriptor@gmail" and a "Password" field containing "....". Below the fields is a large blue "LOG IN" button. At the bottom left is a link "Forgot your password?".

- 4) The user shall click the “Login” button

LOG IN

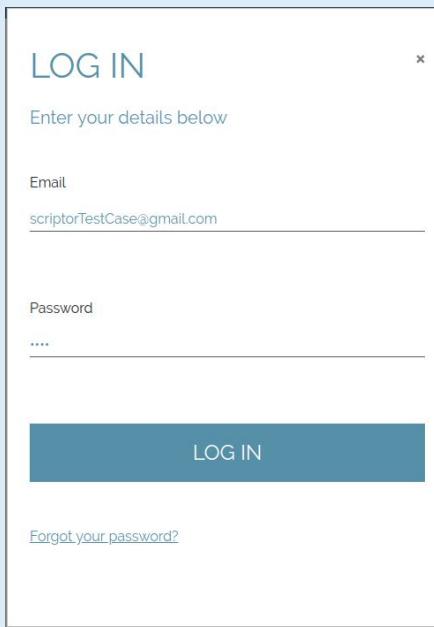
- 5) The system shall inform the user that they have entered an invalid email format



An image of a mobile-style alert box. It has a red border and the word "Email" in red at the top. Below it is a text input field with "scriptor@gmail" and a red error message "Please enter a valid email." at the bottom.

Incorrect Password

- 3) The user shall input a valid email “scriptorTestCase@gmail.com” into the Email text box and password “test” that does not correspond with the email address into the password text box

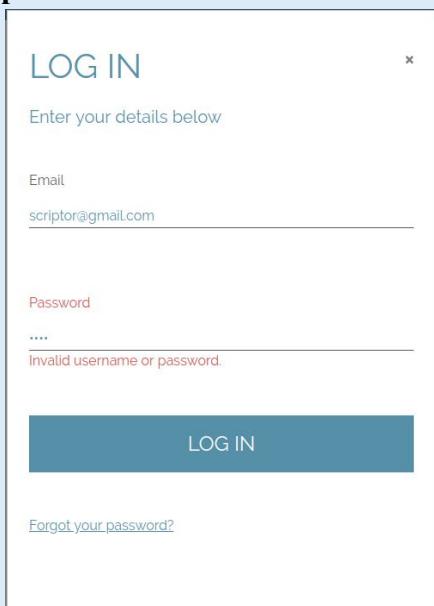


A screenshot of a 'LOG IN' window. The title bar says 'LOG IN'. Below it is a message 'Enter your details below'. There are two input fields: 'Email' containing 'scriptorTestCase@gmail.com' and 'Password' containing '....'. A large blue 'LOG IN' button is at the bottom. Below the button is a link 'Forgot your password?'

4) The user shall click the “Login” button

LOG IN

5) The system shall inform the user that the email or password is incorrect



A screenshot of a 'LOG IN' window. The title bar says 'LOG IN'. Below it is a message 'Enter your details below'. There are two input fields: 'Email' containing 'scriptor@gmail.com' and 'Password' containing '....'. Below the password field is an error message 'Invalid username or password.' A large blue 'LOG IN' button is at the bottom. Below the button is a link 'Forgot your password?'

Expected Results

The test passes when the user has logged in and can access their account details

The first alternate test passes when the system displays the

login form with “Invalid email” under the “Email” text box

The second alternate test passes when the system displays the login form with “Incorrect password” under the “Password” text box

TC-AD #3 User Log Out

Priority	Low
Status	Complete
Description	The user logs out of their account
User Goal	The user wishes to remove their access to account-specific information and thereby protect their account information
Desired Outcome	The user successfully logs out
Actor	User of the application
Dependent Test Cases	TC-AD #1, TC-AD #2
Requirements	SR #3
Pre-conditions	The user has an account and is logged in
Post-conditions	The user does not have access to account history and favorites
Trigger	The user wishes to protect their privacy by removing access to the account
Workflow	<p>1) The user shall hover over “MY ACCOUNT” on the top navigation bar</p>  <p>2) The system shall display a drop down menu with buttons for “HISTORY”, “FAVORITES”, “SETTINGS”, and “LOG OUT”</p> <p>3) The user shall press the “LOG OUT” button</p>

	 <p>4) The system shall log the user out 5) The system shall display the same page the user was on prior to logging out with a new navigation bar that has a “LOG IN” and “SIGN UP” button</p>
Alternate Workflow	N/A
Expected Results	The test passes when the user can no longer access account-related pages and has been returned to their initial page with a new navigation bar

TC-AD #4 Forgot Password

Priority	Low
Status	Complete
Description	The user creates a new password to replace the old account password while still maintaining the account history
User Goal	The user wishes to change their account password without needing to remember their previous one
Desired Outcome	The user successfully has a new password for their account
Actor	User of the application
Dependent Test Cases	TC-AD #1
Requirements	SR #4
Pre-conditions	The user has already created an account and is logged out
Post-conditions	The system updates the database to reflect the new password for their account
Trigger	The user wishes to change their password for any reason including increased security or forgotten password
Workflow	<p>1) The user shall click on the “LOG IN” button</p>  <p>2) The user shall click on the “Forgot your password?” button</p>  <p>3) The system shall ask for user account email</p>

RESET PASSWORD

Email

RESET PASSWORD

- 4) The user shall enter email
“scriptorTestCase@gmail.com”

Email

scriptorTestCase@gmail.com

- 5) The user shall click the “RESET PASSWORD” button

RESET PASSWORD

- 6) The system shall display a pop-up indicating a verification email was sent

Check your email for a verification token.

- 7) The system shall send a message to the account’s email

- 8) The system shall display two new text fields “Password token” and “New password”

Check your email for a verification token

RD

Email

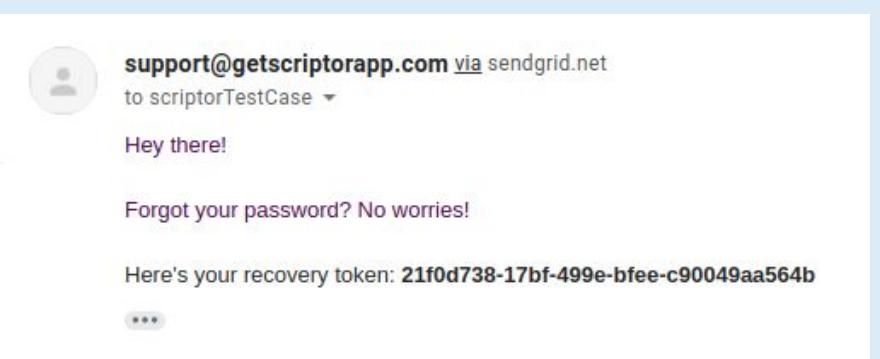
scriptorTestCase@gmail.com

Password token

New password

RESET PASSWORD

- 9) The user shall open the email with a password token



- 10) The user shall copy the password token into the “Password token” input box in the Scriptor application
 11) The user shall enter “12345” as the “New password”**

- 12) The user shall press the “RESET PASSWORD” button**

RESET PASSWORD

- 13) The system shall display a popup indicating “Your password has been changed.”**

Your password has been changed.

Alternate Workflow

Invalid email/Not registered

- 4) The user shall enter an invalid or unregistered account email “scriptorTestCase@gmail”
 5) The user shall press the “RESET PASSWORD” button**

RESET PASSWORD

- 6) The system shall display a pop-up indicating “Invalid Email.”**

Invalid email.

7) The system shall clear the “Email” input field

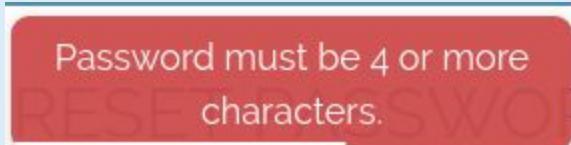
Invalid Password Token

- 10) The user shall enter a password token that does not match the token sent to the email
- 11) The user shall enter a password “1234”
- 12) The user shall press the “RESET PASSWORD” button
- 13) The system shall display a pop-up indicating “Invalid password verification token.”



Invalid Password

- 11) The user shall enter a password “123”
- 12) The user shall press the “RESET PASSWORD” button
- 13) The system shall display a pop-up indicating “Password must be 4 or more characters.”



Expected Results

The test passes when the user can login with the email “scriptorTestCases@gmail.com” and password “1234”

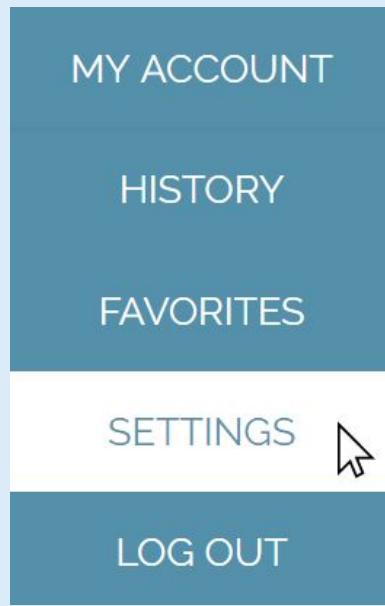
The first alternate test passes when the “Change Password” form is displayed with “Invalid email.” notification and the “Email” field cleared.

The second alternate test passes when the “Change Password” form is displayed with “Invalid password verification token.” notification.

The third alternate test passes when the “Change Password” form is displayed with “Password must be 4 or more characters.” notification.

TC-AD #5 Change Password

Priority	Low
Status	Complete
Description	The user creates a new password to replace the old account password while still maintaining the account history
User Goal	The user wishes to change their account password while remembering their previous one
Desired Outcome	The user successfully has a new password for their account
Actor	User of the application
Dependent Test Cases	AD #1, AD #2
Requirements	SR #5
Pre-conditions	The user has already created an account and is logged in
Post-conditions	The system updates the database to reflect the new password for their account
Trigger	The user wishes to change their password for any reason including increased security
Workflow	<p>1) The user shall hover over “MY ACCOUNT” on the top navigation bar</p>  <p>2) The system shall display a drop down menu with buttons for “HISTORY”, “FAVORITES”, “SETTINGS”, and “LOG OUT”</p> <p>3) The user shall click on the “SETTINGS” button</p>



- 4) The system shall prompt for previous password, new password, and confirmation of new password**

CHANGE PASSWORD

Old Password

New Password

Verify New Password

RESET PASSWORD

- 5) The user shall enter the old password, which is “1234” without quotations**

Old Password

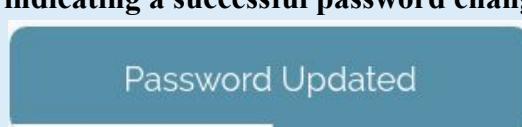
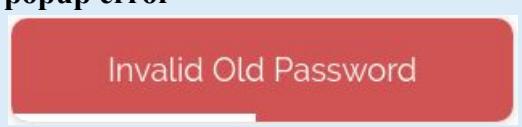
.....

- 6) The user shall enter a new password in the new password field, which is “12345”**

New Password

.....|

- 7) The user shall enter the same new password “12345” in the verify field**

	 <p>8) The user shall click on the “RESET PASSWORD” button</p> <p>9) The system shall display a “Password Updated” popup indicating a successful password change</p> 
Alternate Workflow	<p>Incorrect previous password</p> <p>4) The user shall enter an incorrect previous password, which is “12345678”</p> <p>5) The user shall input their new password “12345”</p> <p>6) The user shall input “12345” in the password confirmation field</p> <p>7) The user shall click on the “RESET PASSWORD” button</p> <p>8) The system shall display an “Invalid Old Password” popup error</p> 
	<p>Password mismatch</p> <p>5) The user shall input “12345” in the new password field</p> <p>6) The user shall input “12344” in the password confirmation field.</p> <p>7) The user shall click on the “RESET PASSWORD” button</p> <p>8) The system shall display a “New Passwords Don’t Match” popup error</p> 
	<p>Password not long enough</p>

	<p>5) The user shall input “123” in the new password field</p> <p>6) The user shall input “123” in the password confirmation field.</p> <p>7) The user shall click on the “RESET PASSWORD” button</p> <p>8) The system shall display a “Password must be at least 4 characters.” popup error</p> <div style="background-color: red; color: white; padding: 10px; text-align: center;"> Password must be at least 4 characters. </div>
Expected Results	<p>This test passes when the system presents a success message “Password updated”, indicating the password has been changed.</p> <p>The first alternate test passes when the system presents an error message “Invalid old password”, indicating the previous password was entered incorrectly</p> <p>The second alternate test passes when the system presents an error message “New passwords don’t match” indicating the new password and password confirmation were different</p> <p>The third alternate test passes when the system presents an error message “Password must be at least 4 characters”</p>

TC-SE #1 General Search

Priority	High
Status	Complete
Description	The user queries for keywords/terms without any filters
User Goal	The user wishes to find a keyword/term in any available podcast from any department, course, professor, or quarter
Desired Outcome	The user sees unfiltered results from every podcast available in our application
Actor	User of the application
Dependent Test Cases	N/A
Requirements	SR #6
Pre-conditions	The user has not entered any filters to search with
Post-conditions	The user receives unfiltered results for their query in all podcasts the application services
Trigger	The user wants to query all classes independent of any filters to find relevant discussions to their query
Workflow	<ol style="list-style-type: none"> 1) The user shall enter the query “math” into the search bar

SCRIPTOR

math

Department

Course Number

Professor

Quarter

Search

- 2) The user shall press the “SEARCH” button or <ENTER>**



- 3) The system shall give ten unfiltered results that each contain “math” in the text-blurb (for other queries that are not exactly matched in a text-blurb, the results will be sorted by relevance to the user query)**

SCRIPTOR

ABOUT SIGN UP LOG IN

math

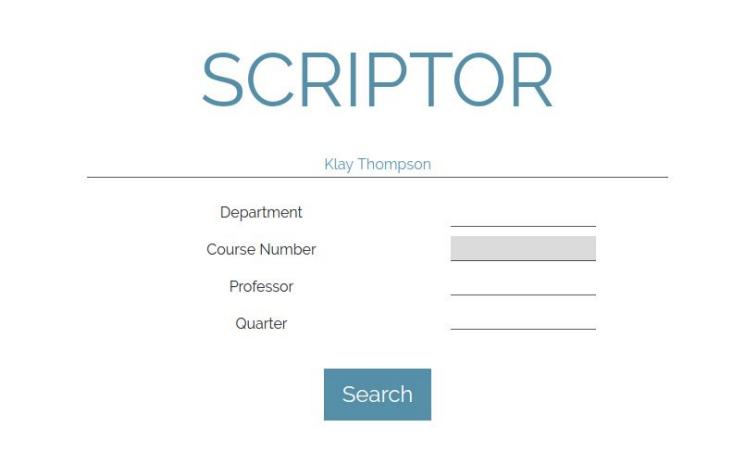
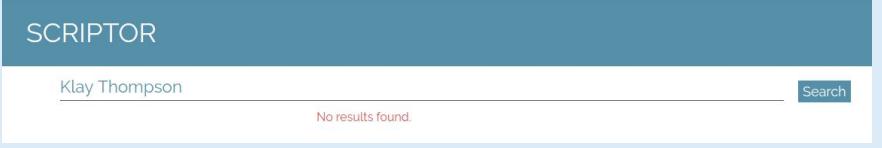
Search

Result	Description	Duration
MATH 183 - Statistical Methods [A00 - S19] David James Quarfoot Lecture 15	math 11 vs. 183 like math 10 vs. Math 21 tends to serve social science the other tends to serve STEM. Okay. So what were about to do is make a two-sided alternative hypothesis. We're going to get excited about your friend count either being higher than the math 11 number or lower than the math 11 number. To get excited about a two-sided alternative you need to be able.	19:59
CSE 21 - Math/Algorithms & System Analysis [A00 - S19] Miles E Jones Lecture 8	time math problems nap time not math time another story no let's just wait till we can just call it a day have a nice time.	62:25
CSE 20 - Intro/Discrete Mathematics [B00 - S19] Joseph Gibbs Politz Lecture 1	say? Yeah, yeah math 109 and CSC 20 satisfy you the place in your schedule that you don't need to use. I'm so just be aware the CSC 20 in math 109 are going to act as prerequisites in the same way. Me and my saying that right. So if you have a map if you have a math dependency, you might need math 109 if you're taking CST classes.	13:48
CSE 21 - Math/Algorithms & System Analysis [A00 - S19] Miles E Jones Lecture 7	the peace so that's why you divide out by those. If it mattered in it was like if all the subjects were different. Yes, that is different. Yes, but but studying math before math is the same as studying math before math. That's the best of symmetry. Okay, let's move on to the next one. Okay recursive Counting. Okay, so in basketball you can increase your score	57:23
MATH 183 - Statistical Methods [A00 - F18] David James Quarfoot Lecture 1	really was about integral calculus ... like 20 or was it just integral calculus ... I could some other school. Let's say so anyhow. This is a topic today that you don't get in a math 11 class and it's pretty sophisticated. And so this really separates 183 from math 11 math 11 statistics, but it's more like this but without the hard parts. Who	0:40
CHEM 4 - Basic Chemistry [A00 - F18] Carl Hoeger Lecture 20	atoms left over. There is the first thing you're going to do by the way if there's Adams leftover electrons leftovers, fuse me if there's electrons leftover you're going to do a recount. Make sure you counted right make sure that your math is correct if you run out of electrons. Check your math. Okay, but if your math is correct, if electrons remain they always go on the central	18:58

Alternate Workflow

No Results Found

- 1) The user shall enter the query “Klay Thompson” into the search bar**

	 <p>2) The user shall click the “SEARCH” button</p> <p style="background-color: #2e6b8d; color: white; padding: 10px; text-align: center;">Search</p> <p>3) The system shall display “No results found.”</p> 
Expected Results	<p>The test passes when the user can see the list of ten results that contain the query “math” in each associated text-blurb</p> <p>The first alternate test passes when the system displays a “No results found.” message</p>

TC-SE #2 Search by Department

Priority	High
Status	Complete
Description	The user queries for a term in a specific department like CSE
User Goal	The user wishes to narrow search results to just classes in the specified department
Desired Outcome	The user only sees results from the department they want
Actor	User of the application
Dependent Test Cases	SE #1
Requirements	SR #7
Pre-conditions	The user has not specified any department to filter the search
Post-conditions	The user receives results for their query in the department they specified
Trigger	The user wishes to narrow their search results to one department to get a specific perspective
Workflow	<ol style="list-style-type: none"> 1) The user shall enter the query “math” into the search bar 2) The user shall type in “CSE” in the Department field 3) The system shall provide autocomplete options that the system supports for departments and remove gray from the Course Number field

math

Department CSE ▾

Course Number

Professor

Quarter

Search

- 4) The user shall click the “SEARCH” button

Search

- 5) The system shall display a list of ten podcast results from only the CSE department that contain “math” in the text-blurb

Title	Description	Duration
CSE 21 - Math/Algorithms & System Analysis [A00 - S19] Miles E Jones Lecture 7	the peace so that's why you divide out by those. If it mattered in if it was like if all the subjects were different. Yes, that is different. Yes. But, but studying math before math is the same as studying math before math. That's the that's the best of symmetry. Okay, let's move on to the next one. Okay recursive Counting. Okay, so in basketball you can increase your score.	57:23
CSE 20 - Intro/Discrete Mathematics [B00 - S19] Joseph Gibbs Politz Lecture 1	say? Yeah, yeah math 20 and CSC 20 satisfy you the place in your schedule that you don't need to use. I'm so just be aware the CSC 20 in math 20 are going to act as prerequisites in the same way. Me and my saying that right. So if you have a map if you have a map if you have a math dependency, you might need math 20 if you're taking CSC classes.	13:48
CSE 21 - Math/Algorithms & System Analysis [A00 - S19] Miles E Jones Lecture 8	time math problems nap time not math time another story No. let's just wait till we can just call it a day. Have a nice time.	62:25
CSE 20 - Intro/Discrete Mathematics [B00 - S19] Joseph Gibbs Politz Lecture 8	white and be a gray. That's really interesting question is how does equal differ from the biconditional is another way we said it. When did Arrow operation Jose equals different operation or biconditionals or if it only works on true and false values right here if we were equals here is like this math operations math equality, but evaluating to true or false in math in general some different meanings.	35:00
CSE 21 - Math/Algorithms & System Analysis [A00 - S19] Miles E Jones Lecture 1	So, how about everybody here? We're going to be using Clickers. The frequency code is CB. And let me just gather some information about people in here. Did you take CSC 20 at UC San Diego either? Yes math 15a is kind of like it's the same exact course. It just has a math title or did you take an equivalent course somewhere or no for some other reason?	9:01
CSE 141 - Intro to Computer Architecture [A00 - F18] Steven James Swanson Lecture 4	I don't think super well standing up so I will look at it. Later. But assuming these numbers are the only got them. This is the math that we should do. All right. There is the math. Go through and do all the math. carry out all right, we're going to put some TPI so different inputs make programs behave differently. So I asked you different functions will do different	59:18
CSE 20 - Intro/Discrete Mathematics [B00 - S19] Joseph Gibbs Politz Lecture 1		

Alternate Workflow

No Results Found

- 4) The user shall enter the query “Klay Thompson” into the search bar
- 5) The user shall type “CSE” in the Department field
- 6) The system shall provide autocomplete options that the system supports for departments and remove gray from the Course Number field

	 <p>7) The user shall click the “SEARCH” button</p> <p style="text-align: center;">Search</p> <p>8) The system shall display “No results found.”</p> 
Expected Results	<p>The test passes when the user sees a list of ten podcast results from only the CSE department that contain “math” in each text-blurb</p> <p>The alternate test passes when the system displays a “No Results found.” message</p>

TC-SE #3 Search by Course Number

Priority	High
Status	Complete
Description	The user searches for a term in a specific class like CSE 21
User Goal	The user wishes to narrow search results to just a specific class
Desired Outcome	The user only sees results from the class they want
Actor	User of the application
Dependent Test Cases	TC-SE #1
Requirements	SR #7
Pre-conditions	The user has not specified any class to filter the search
Post-conditions	The user receives results from their query in the class they specified
Trigger	The user wishes to narrow their search results to one class to get a specific perspective of the topic at hand
Workflow	<ol style="list-style-type: none"> 1) The user shall enter the query “math” into the search bar 2) The user shall type in “CSE” in the Department field 3) The system shall remove gray from the Course Number field 4) The user shall type in “190” in the Course Number field 5) The system shall provide autocomplete options that the system supports for departments and course numbers



- 6) The user shall click the “SEARCH” button**

Search

- 7) The system shall display a list of eight podcast results from only CSE 190 lectures that contain “math” in the text-blurb**

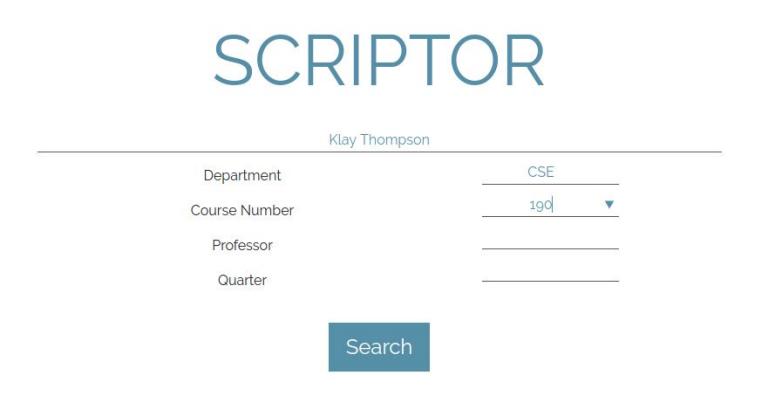
The screenshot shows the search results page for the query "math". The header includes "SCRIPTOR", "ABOUT", "SIGN UP", and "LOG IN". The search bar at the top contains "math". Below the search bar is a "Search" button. The results list consists of eight entries, each with a title, a short snippet of text, and a duration. The titles are all related to "CSE 190 - Deep Learning [C00 - F18] | Garrison W Cottrell | Lecture 1". The snippets and durations are as follows:

- CSE 190 - Deep Learning [C00 - F18] | Garrison W Cottrell | Lecture 1
is artificial general intelligence. So a disco is very narrow intelligence. But an AI that walks talks crawls in its belly like a reptile and can adapt to new situations is some more general intelligence like us. so I went to a GI because I figured if anybody was going to create the Terminator or Commander Data would be them and it was so weak of in computable math and
26:35
- CSE 190 - Deep Learning [C00 - F18] | Garrison W Cottrell | Lecture 4
math is all good. For what could be a problem with it? What if Year, what if gave is already close to zero? So the output of the network is almost zero what happens to the learning? for that pattern You know. It's always G of a van and that's going to be very close to zero in the slope is the gradient is going to be very small. Hey.
25:38
- CSE 190 - Deep Learning [C00 - F18] | Garrison W Cottrell | Lecture 11
Northwest National Labs who knew they had a Picnic Northwest National Labs, but this guy from Google gave it talk about networks were was built in that you could rotate things and get exactly the same responses. I didn't read the paper. I don't understand the math. I'm not going to talk about it. But it's out there. Somebody has done that now. So why do you think they're so
25:57
- CSE 190 - Deep Learning [C00 - F18] | Garrison W Cottrell | Lecture 16
Hello. So it's learn to function that that is encoded the three-dimensional data and in a single scalar, so the scalar so here's 25 and here's 35 and here's 45 etcetera. So it's it's just running along the the Hello. So that's nonlinear dimensionality reduction and we can think of this as a manifold. So in math we think of the data is lying on
23:47
- CSE 190 - Deep Learning [C00 - F18] | Garrison W Cottrell | Lecture 6
for the hidden unit. So people on Piazza ask this question like why it always that well, that's what it is sex. I don't know what else to tell you. That's the way the math comes out. And so this is a recursive definition of delta you computer that the output units and then you propagated backwards through the network and you keep doing that. So now I've got
10:42
- CSE 190 - Deep Learning [C00 - F18] | Garrison W Cottrell | Lecture 1
write your programs yourself. Hi, there are online quora answers to the question. Do I have to know math to do deep learning in the answer is not really anymore because of these platform. She just Turn on something and say I want to but I want you to understand it. So I want you to program it. So if programming assignment is actually programming up back
34:49

Alternate Workflow

No Results Found

- 1) The user shall enter the query “Klay Thompson” into the search bar**
- 2) The user shall type in “CSE” in the Department field**
- 3) The system shall remove the gray from the Course Number field**
- 4) The user shall type “190” in the Course Number field**
- 5) The system shall provide autocomplete options that the system supports for departments and course numbers**

	 <p>6) The user shall click the “SEARCH” button</p> <p style="text-align: center;">Search</p> <p>7) The system shall display “No results found.”</p> 
Expected Results	<p>The test passes when the user sees a list of eight podcast results from only CSE 190 lectures that contain “math” in each text-blurb</p> <p>The alternate test passes when the system displays a “No Results found.” message</p>

TC-SE #4 Search by Professor

Priority	High
Status	Complete
Description	The user searches for a term said by a specific professor
User Goal	The user wishes to narrow search results to just a specific professor
Desired Outcome	The user only sees results from the professor they want
Actor	User of the application
Dependent Test Cases	TC-SE #1
Requirements	SR #7
Pre-conditions	The user has not specified any professor to filter the search
Post-conditions	The user receives results from their query for the professor they specified
Trigger	The user wishes to narrow their search results to one professor to get a specific perspective of the topic at hand
Workflow	<ol style="list-style-type: none"> 1) The user shall enter the query “math” into the search bar 2) The user shall type in “Miles Jones” in the Professor field 3) The system shall provide autocomplete options that the system supports for professors

math

Department _____
 Course Number _____
 Professor Miles E Jones ▾
 Quarter _____

Search

- 4) The user shall click the “SEARCH” button

Search

- 5) The system shall display a list of ten podcast results from only Miles Jones lectures that contain “math” in each text-blurb

Episode	Title	Professor	Duration
1	CSE 21 - Math/Algorithms & System Analysis [A00 - S19] Miles E Jones Lecture 7	Miles E Jones	57:23
2	CSE 21 - Math/Algorithms & System Analysis [A00 - S19] Miles E Jones Lecture 8	Miles E Jones	62:25
3	CSE 20 - Intro/Discrete Mathematics [A00 - F18] Miles E Jones Lecture 1	Miles E Jones	9:01
4	CSE 20 - Intro/Discrete Mathematics [A00 - F18] Miles E Jones Lecture 12	Miles E Jones	2:24
5	CSE 20 - Intro/Discrete Mathematics [A00 - F18] Miles E Jones Lecture 12	Miles E Jones	28:26
6	CSE 20 - Intro/Discrete Mathematics [A00 - F18] Miles E Jones Lecture 27	Miles E Jones	19:41
7	CSE 21 - Math/Algorithms & System Analysis [A00 - S19] Miles E Jones Lecture 16	Miles E Jones	8:40
8	CSE 21 - Math/Algorithms & System Analysis [A00 - S19] Miles E Jones Lecture 16	Miles E Jones	8:40
9	CSE 21 - Math/Algorithms & System Analysis [A00 - S19] Miles E Jones Lecture 16	Miles E Jones	8:40
10	CSE 21 - Math/Algorithms & System Analysis [A00 - S19] Miles E Jones Lecture 16	Miles E Jones	8:40

Alternate Workflow

No Results Found

- 1) The user shall enter the query “Klay Thompson” into the search bar
- 2) The user shall type “Miles Jones” in the Professor field
- 3) The system shall provide autocomplete options that the system supports for professors

The screenshot shows a search interface titled "SCRIPTOR". At the top, it says "Klay Thompson". Below that is a horizontal line with four input fields: "Department" (empty), "Course Number" (empty), "Professor" (containing "Miles E Jones" with a dropdown arrow), and "Quarter" (empty). At the bottom is a blue "Search" button.

4) The user shall click the “SEARCH” button

A large blue button with the word "Search" in white text.

5) The system shall display “No results found.”



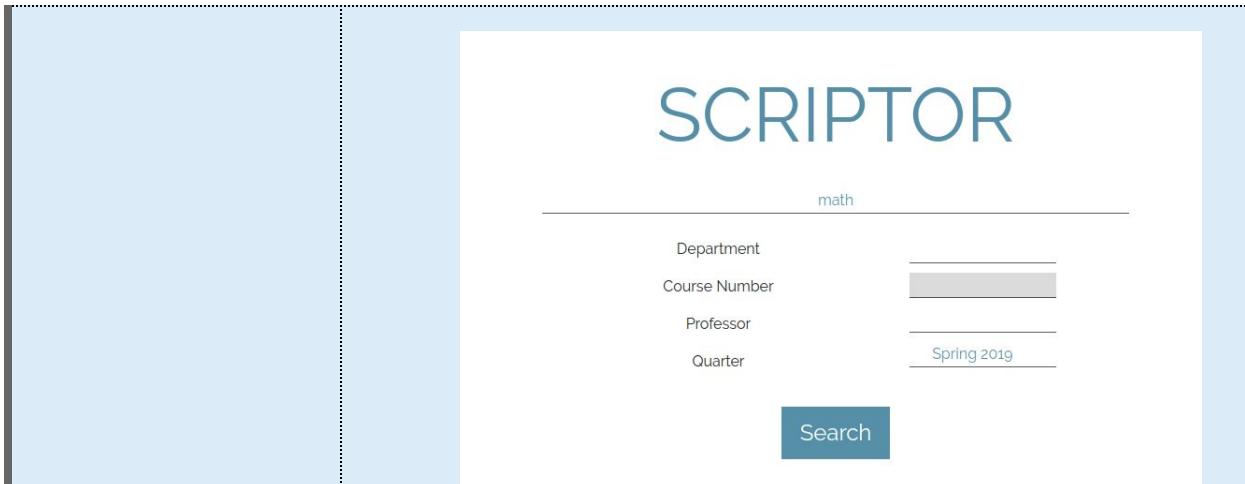
Expected Results

The test passes when the user sees a list of ten podcast results from only Miles Jones lectures that contain “math” in each text-blurb

The alternate test passes when the system displays a “No Results found.” message

TC-SE #5 Search by Quarter

Priority	High
Status	Complete
Description	The user searches for a term said during a specific quarter
User Goal	The user wishes to narrow search results to just a specific quarter
Desired Outcome	The user only sees results from the quarter they want
Actor	User of the application
Dependent Test Cases	TC-SE #1
Requirements	SR #7
Pre-conditions	The user has not entered any quarter to filter the search
Post-conditions	The user receives results from their query for the quarter they specified
Trigger	The user wishes to narrow their search results to one quarter to get a specific perspective of the topic at hand
Workflow	<ol style="list-style-type: none"> 1) The user shall enter the query “math” into the search bar 2) The user shall type in “Spring 2019” in the Quarter field 3) The system shall provide autocomplete options that the system supports for quarters



- 4) The user shall click the “SEARCH” button**

Search

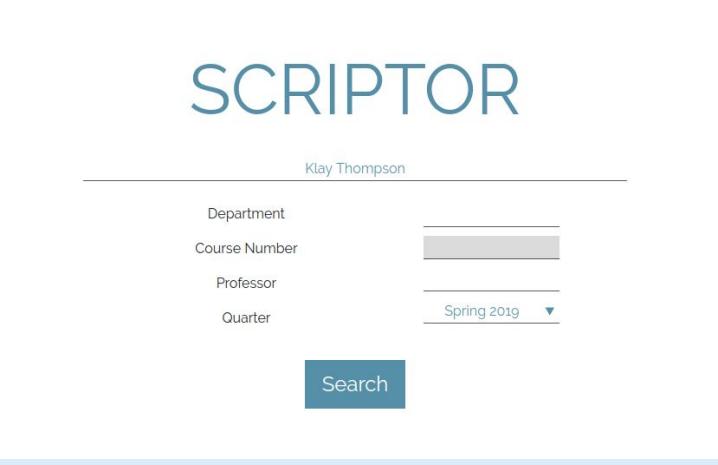
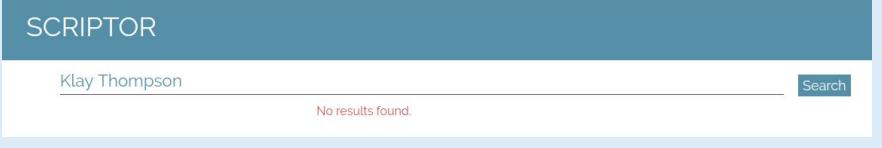
- 5) The system shall display a list of ten podcast results from only the specified quarter lectures that contain “math” in each text-blurb**

Result Title	Speaker	Lecture	Duration
MATH 183 - Statistical Methods [A00 - S19]	David James Quarfoot	Lecture 15	19:59
CSE 21 - Math/Algorithms & System Analysis [A00 - S19]	Miles E Jones	Lecture 7	57:23
CSE 20 - Intro/Discrete Mathematics [B00 - S19]	Joseph Gibbs Politz	Lecture 1	13:48
CSE 20 - Intro/Discrete Mathematics [B00 - S19]	Joseph Gibbs Politz	Lecture 8	35:00
CSE 20 - Math/Algorithms & System Analysis [A00 - S19]	Miles E Jones	Lecture 8	62:25
MATH 183 - Statistical Methods [A00 - S19]	David James Quarfoot	Lecture 20	

Alternate Workflow

No Results Found

- 1) The user shall enter the query “Klay Thompson” into the search bar**
- 2) The user shall type “Spring 2019” in the Quarter field**
- 3) The system shall provide autocomplete options that the system supports for quarters**

	 <p>4) The user shall click the “SEARCH” button</p> <p style="background-color: #2e6b8d; color: white; padding: 5px; text-align: center;">Search</p> <p>5) The system shall display “No results found.”</p> 
Expected Results	<p>The test passes when the user sees a list of ten podcast results from only the specified quarter lectures that contain “math” in each text-blurb</p> <p>The alternate test passes when the system displays a “No Results found.” message</p>

TC-SE #6 View All Query Results

Priority	High
Status	Complete
Description	After the user queries, they will see a list results of all relating podcasts that contain the user query, and these results will display a text-blurb and the name of the course, professor, and lecture number of each podcast result
User Goal	The user wishes to see a list of all relating podcasts pertaining to their query
Desired Outcome	The user sees a list of podcast results which contain the user query
Actor	User of the application
Dependent Test Cases	TC-SE #1
Requirements	SR #8, SR #9
Pre-conditions	The user has searched for a keyword using any or none of the filters
Post-conditions	The user receives a page of at most 10 podcast results sorted by their relevance to the query
Trigger	The user wishes to view podcasts that contain their query
Workflow	<ul style="list-style-type: none"> 1) The user shall enter in the query “math” with no filters selected

SCRIPTOR

math

Department

Course Number

Professor

Quarter

Search

- 2) The user shall press <ENTER> or the “SEARCH” button

Search

- 3) The system shall display a list of ten podcast results that contain the query “math”

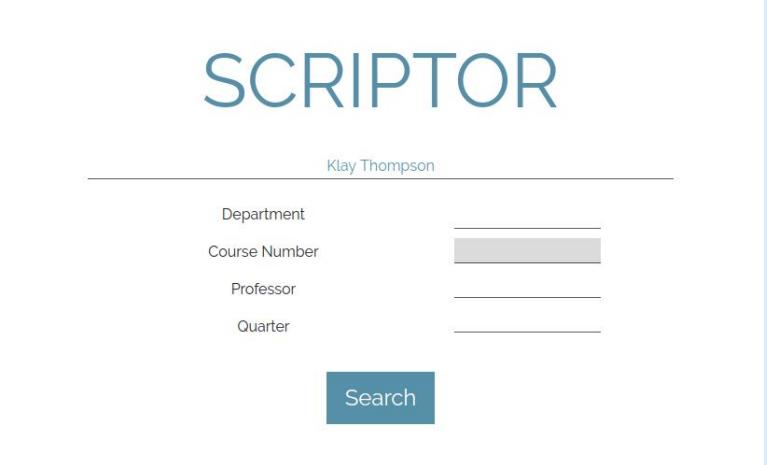
The screenshot shows a search results page for the query "math". The results are listed in a table format:

Result Title	Description	Duration
MATH 183 - Statistical Methods [A00 - S19] David James Quarfoot Lecture 15	math 11 vs. 183 like math 10 vs. Math 21 tends to serve social science the other tends to serve stem. Okay. So what we're about to do is make a two-sided alternative hypothesis. We're going to get excited about your friend count either being higher than the math 11 number or lower than the math 11 number. To get excited about a two-sided alternative you need to be able	19:59
CSE 21 - Math/Algorithms & System Analysis [A00 - S19] Miles E Jones Lecture 8	time math problems nap time not math time another story No. let's just wait till we can just call it a day. Have a nice time.	62:25
CSE 20 - Intro/Discrete Mathematics [B00 - S19] Joseph Gibbs Politz Lecture 1	say? Yeah, yeah math 109 and CSC 20 satisfy you the place in your schedule that you don't need to use. I'm so just be aware the CSC 20 in math 109 are going to act as prerequisites in the same way. Me and my saying that right. So if you have a map if you have a math dependency, you might need math 109 if you're taking CST classes.	13:48
CSE 21 - Math/Algorithms & System Analysis [A00 - S19] Miles E Jones Lecture 7	the peace so that's why you divide out by those. If it mattered in it was like if all the subjects were different. Yes, that is different. Yes. But but studying math before math is the same as studying math before math. That's the that's the best of symmetry. Okay, let's move on to the next one. Okay recursive Counting. Okay, so in basketball you can increase your score	57:23
MATH 183 - Statistical Methods [A00 - F18] David James Quarfoot Lecture 21	really was about integral calculus *** like zo b or was it just integral calculus *** I could some other school. Let's say so anyhow, this is a topic today that you don't get in a math 11 class and it's pretty sophisticated. And so this really separates 183 from math 11 math 11 statistics, but it's more like this but without the hard parts. Who	0:40
CHEM 4 - Basic Chemistry [A00 - F18] Carl Hoeger Lecture 20	atoms left over. There is the first thing you're going to do by the way if there's Adams leftover electrons leftovers, fuse me if there's electrons leftover you're going to do a recount. Make sure you counted right make sure that your math is correct if you run out of electrons. Check your math. Okay, but if your math is correct, if electrons remain they always go on the central	18:58

Alternate Workflow

No Results Found

- 1) The user shall enter the query “Klay Thompson” into the search bar

	 <p>2) The user shall click the “SEARCH” button</p> <p style="background-color: #3399CC; color: white; padding: 10px; text-align: center;">Search</p> <p>3) The system shall display “No results found”</p> 
Expected Results	<p>The test passes when the user sees a list of ten podcast results that each contain the query “math”</p> <p>The alternate test passes when the system displays a “No Results found.” message</p>

TC-SE #7 View a Podcast Result's Page

Priority	High
Status	Complete
Description	After the user queries and is given a list of results, they will click a single result to view the information of that podcast
User Goal	The user wishes to gain more information about a particular result podcast
Desired Outcome	The user sees a short transcript of the part of the lecture containing their keyword(s), has access to view the podcast video at the appropriate time-stamp where the query was discussed, and has access to view the full transcript of the lecture
Actor	User of the application
Dependent Test Cases	TC-SE #1, TC-SE #6
Requirements	SR #9, SR #10, SR #11, SR #12, SR #13
Pre-conditions	The user has searched for a keyword using any or none of the filters and is given a list of podcast results
Post-conditions	The user receives a page with a short text-blurb containing the query, the podcast moved to the appropriate timestamp, and transcripts available below
Trigger	The user wishes to view a single podcast result at the timestamp where their query was discussed
Workflow	<ol style="list-style-type: none"> 1) The user shall enter in the query “voldemort” with no filters selected

SCRIPTOR

voldemort

Department

Course Number

Professor

Quarter

Search

- 2) The user shall presses <ENTER> or the “SEARCH” button

Search

- 3) The system shall display a list of one podcast result that contain the query “voldemort”

The screenshot shows a search results page for the query "voldemort". At the top, there is a navigation bar with links for "ABOUT", "SIGN UP", and "LOG IN". Below the navigation bar, a search bar contains the query "voldemort". To the right of the search bar is a "Search" button. The main content area displays a single search result. The result includes the title "CSE 141 - Intro to Computer Architecture [A00 - F18] | Steven James Swanson | Lecture 18", a snippet of text from the video, and a timestamp "8:48".

- 4) The user shall click on the result that originates from “CSE 141 - Intro to Computer Architecture [A00 - F18] | Steven James Swanson | Lecture 18”
- 5) The system shall display a page with the video of the podcast at the timestamp 8:48 which matches with the start of the corresponding textblurb
- 6) The system shall display a button to favorite the podcast, view full transcript link, and go to the original podcast button

Alternate Workflow	N/A
Expected Results	<p>The test passes when the user sees a page for podcast “CSE 141 - Intro to Computer Architecture [A00 - F18] Steven James Swanson Lecture 18” with the video of the podcast at the appropriate time stamp 8:48. There should also be a favorite button, view full transcript link, and go to original podcast button</p>

TC-TR #1 View Full Transcript for One Podcast

Priority	High
Status	Complete
Description	The user can view the full transcript for the entire podcast on the individual results page
User Goal	The user wishes to see the transcript for the entire podcast for any reason, including lack of headphones in a quiet setting or enhanced learning experience through reading lectures
Desired Outcome	A full transcript of the podcast is displayed in a paragraph form
Actor	User of the application
Dependent Test Cases	TC-SE #1, TC-SE #6, TC-SE #7
Requirements	SR #11
Pre-conditions	The user has entered a query, seen the list of results, and has clicked one of the results to view an individual podcast page
Post-conditions	The user receives a full transcript of the selected podcast in paragraph form on the podcast page
Trigger	The user would like the full text of the podcast that contains the query to gain more context without having to watch the podcast
Workflow	<ol style="list-style-type: none"> 1) The user shall follow TC-SE #7 workflow 2) The system shall display the “Podcast” page in a new screen

SCRIPTOR

CSE 141 - Intro to Computer Architecture [AoO] | Steven James... | Lecture 18

what machine learning? Can somebody tell me what machine learning years? Everybody knows but nobody can't talk about this. I don't think it's Lord Voldemort. That's actually a pretty good definition except at the fact that you know, none of the machines that think they actually don't. They just math. They are just simply mathematical engines that perform predictions on unseen data based on the mother that they extract from

[View Full Transcript](#)

3) The user shall click the “View Full Transcript” link

[View Full Transcript](#)

4) The system shall display the full transcript

Hello, can you guys hear me? Okay. Good afternoon. Children, I am a new clone of Steve Swanson.

Hello, what's your name? Okay, you but he decided to name me Harry here computer architecture to we are almost in the same city publishing architecture conferences for some reason you couldn't make it today. So he asked me to talk to you guys about machine learning. Do you guys know what machine learning? Can somebody tell me what machine learning years?

Everybody knows but nobody can talk about this. I don't think it's Lord Voldemort. That's actually a pretty good definition except at the fact that you know, none of the machines that think they actually don't. They just math. They are just simply mathematical engines that perform predictions on unseen data based on the mother that they extract from seeing date.

I'll give you a bunch of examples more on the technical side, but I'm going to show you one of the works that we have done. What is the most producing enough? I think DA Tello drone application of DNA, the only thing I need Anytime code for DRN is open source. All right. This is actually one of the real systems that we have built and are even able to you know, Run real-time object detection using the hardware that we have designed right on a drone on a flying drone as you see it.

But I'm not talking about anything else. I'm talking about how we can build hardware and systems to make machine intelligence fast. And why do I care about making things faster? The reason is that we have so much computation that we need to do. Which move do you need the laptop performance you guys doing about performance, right?

Anybody knows about MFLOPs? What is MFLOPs? MFLOPs is million instruction per second is a is a measure of performance how many million instructions? You can run in a single second, right and then you know a few things about the history of computing right back in 1970s when we built first microprocessor Intel 4004. The cost was \$5,000.

What do you think? It's cost is today? I'm taking bets. Penny's send when I did the calculations considering the inflation in 2013, it was three set. Right. It's gone down from that time to your kind of a stagnating right now.

But like, you know, the cost has gone down. I have one question: I'm everybody please shut down, you know, your laptop if you want you can leave us in the class, please listen to me. Okay, if you want, I'll give you a minute to leave the class. Otherwise shutdown your laptop. Detach scissors. When you go to a grocery store and you want to buy an egg. Do you go and take the eggs that are broken? You don't buy yours paying for this education. You better listen to a dry.

Why do you want to get a broken egg from the sides you cash? What do we have done by building process? We have been able to push down the cost of computing which is measured in terms of performance, which is the raw material for your new computation performance. We can do more. But there is another thing that we have to consider when we are thinking about Computing other than performance.

What is the other metrics that you would think when you're thinking about computer? Just had something I actually I can't hear you. Prices are good point, but that's not the latent Power a price. Nobody is important, but that's not a metric to measure computing.

How much your cell phone consumes power? Imagine the amount of computation that you can do with your cell phones and compare it to the amount of computation that you could do with a desktop 10 years ago. Your cell phone actually passed more computation power than your desktop 10 years ago. But your desktop require to be plugged into the wall. But your cell phone you carry around, you know all day around and it doesn't drain the battery power and energy conch.

We have reached an era and I hope you guys have heard of this phenomenon called: Silicon. I hope that you have at least heard. Everybody has more hair. Can somebody Define Moore's Law for me?

Exactly more predicted that the number of transistors on each chip in 1965 is going to double every 18 months. He didn't talk about anything else. He just predict that the number of transistors is going to be 22334 mess. That's me food extract from the raw material, which is this. On which we build the transistors, right?

Alternate Workflow	N/A
Expected Results	The test passes when the sees the “Full Transcript” page which displays the full transcript of the podcast that they clicked on with the phrase “voldemort” appearing in the text.

TC-TR #2 Podcast Transcript Highlights

Priority	Low
Status	Cancelled
Description	The user can view the full transcript for the entire podcast on the results page with the words from their query highlighted
User Goal	The user wishes to quickly see the context around their query within the full transcript
Desired Outcome	A full transcript of the podcast is displayed in a paragraph form with the queries highlighted
Actor	User of the application
Dependent Test Cases	TC-SE #1, TC-SE #6, TC-SE #7
Requirements	SR #15
Pre-conditions	The user has entered a query, seen the list of results, and has clicked one of the results to view an individual podcast page
Post-conditions	The user receives a full transcript of the selected podcast in paragraph form on the podcast page with highlights of the original query
Trigger	The user would like to view the context around their query without having to watch the podcast
Workflow	<ol style="list-style-type: none"> 1) The user shall enter the query “Convex Hull” into the search bar 2) The user shall click the “SEARCH” button 3) The user shall click the description of the first result which should be highlighted in blue <div style="border: 1px solid black; padding: 5px; font-size: small; margin-top: 10px;"> <p>CSE 101 - Design & Analysis of Algorithm [A00 - W19] Miles E Jones Lecture 18 I think this is a good way to think of to do it. Okay, so here's an example of convex Hull. So the problem is to you have a bunch of points in the plane XY coordinates and you want to you want to define the convex Hull of all the points? Convex Hull is defined to be the smallest polygon that contains all the points. So for these</p> </div> <ol style="list-style-type: none"> 4) The system shall display the “PodcastPage” to the user

	5) The user shall click the “VIEW FULL HIGHLIGHTED TRANSCRIPT” button
Alternate Workflow	N/A
Expected Results	The test passes when the user sees the “Full Transcript” page which displays the full transcript of the podcast that they clicked on in with the phrase “Convex Hull” highlighted in the text.

TC-TR #3 Download Transcript

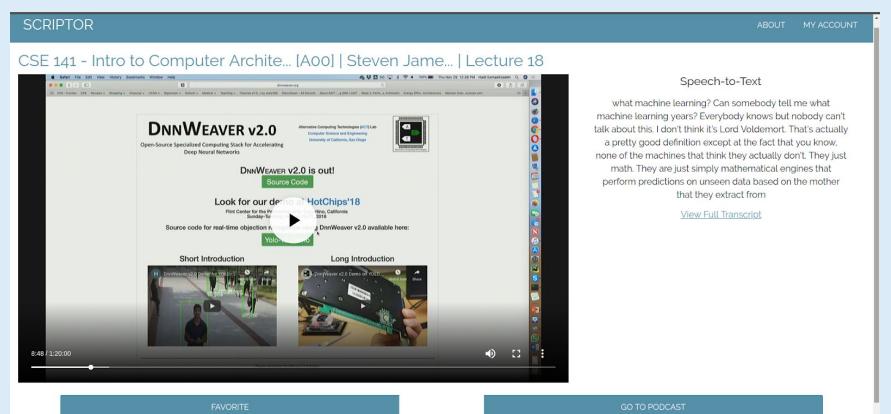
Priority	Low
Status	Cancelled
Description	The user can download the full transcript for the entire podcast
User Goal	The user wishes to obtain a transcript of a podcast outside of the application
Desired Outcome	The user is able to download the transcript of a podcast onto their system
Actor	User of the application
Dependent Test Cases	TC-SE #1, TC-SE #6, TC-SE #7
Requirements	SR #16
Pre-conditions	The user has entered a query, been redirected to the “Results” page, and has clicked one of the results to view an individual podcast page
Post-conditions	The user has the full podcast transcript on their system
Trigger	The user would like to locally download the full text of the podcast that contains the query to gain more context and save the transcripts for use without needing the application
Workflow	<ol style="list-style-type: none"> 1) The user shall press the “View Full Transcript” button on the individual podcast page 2) The system shall display the full transcript for the podcast the user has clicked on in the results page 3) The user shall click on the “Download” button 4) The system shall download the podcast transcript onto the user’s device
Alternate Workflow	N/A

Expected Results

The test passes when the user sees the full transcript of the podcast that they downloaded show up in their system

TC-PA #1 Add a Favorite Podcast

Priority	Low
Status	Complete
Description	The user saves a podcast to their account's favorite list
User Goal	The user wishes to add a podcast to their account's favorite list
Desired Outcome	The podcast is added to the user account's favorite list
Actor	User of the application
Dependent Test Cases	TC-AD #1, TC-AD #2, TC-SE #1, TC-SE #6, TC-SE #7
Requirements	SR #13
Pre-conditions	The user has an account, is logged in, has entered a query, and has selected a specific podcast result
Post-conditions	The podcast is within the user account's favorite list
Trigger	The user finds that a specific podcast is important and wishes to add it to their favorites list
Workflow	<ol style="list-style-type: none"> 1) The user shall follow TC-AD #2 to log in to the account with email "scriptorTestCase@gmail.com" and password "1234" (or "12345" if you followed the workflow to change password) 2) The user shall follow TC-SE #7 workflow to query "voldemort" 3) The system shall display the "Podcast" page in a new screen



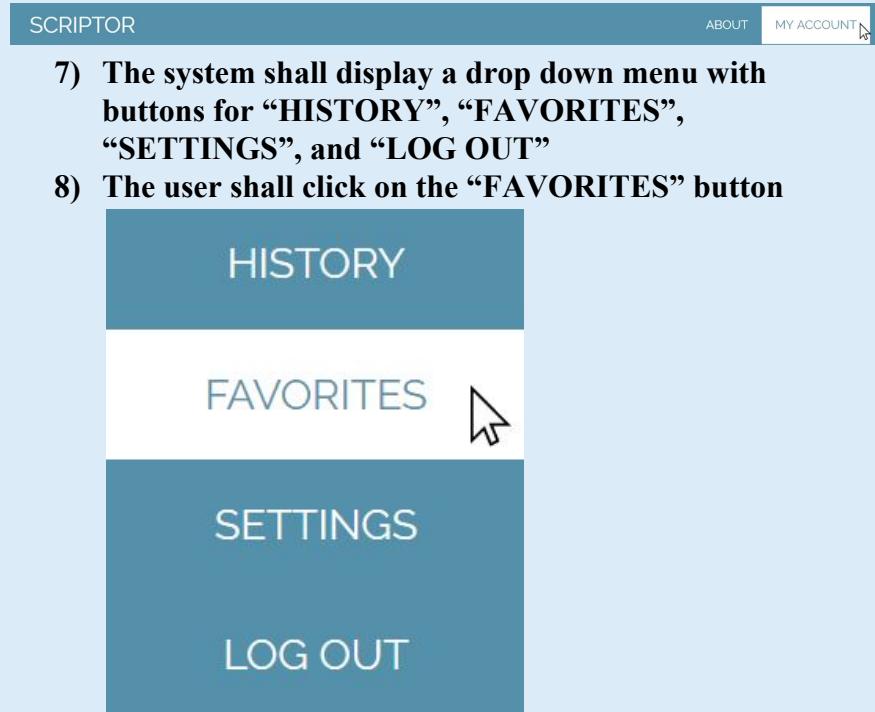
- 4) The user shall click the “FAVORITE” button**

FAVORITE

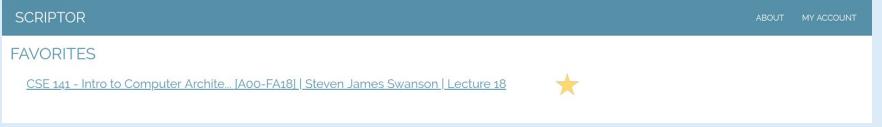
- 5) The system shall display a popup notification indicating “Added to Favorites”**

Text Added to Favorites

- 6) The user shall hover over the “MY ACCOUNT” button**

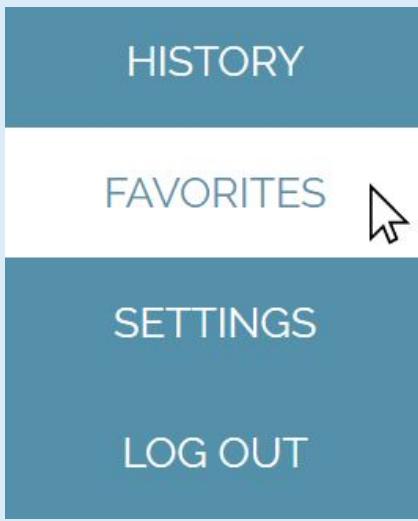


- 9) The system shall display the Favorites page for the user account which contains “CSE 141 - Intro to Computer Architecture [A00 - F18] | Steven James Swanson | Lecture 18”**

	 <p>The screenshot shows a dark-themed user interface for 'SCRIPTOR'. At the top, there's a navigation bar with 'ABOUT' and 'MY ACCOUNT' links. Below the navigation is a section titled 'FAVORITES' containing a single item: 'CSE 141 - Intro to Computer Architecture [A00-FA18] Steven James Swanson Lecture 18'. To the right of this item is a yellow star icon.</p>
Alternate Workflow	N/A
Expected Results	<p>This test passes when the user sees the popup notification saying “Added to Favorites” and the user favorite’s page contains the “CSE 141 - Intro to Computer Architecture [A00 - F18] Steven James Swanson Lecture 18” course</p>

TC-PA #2 Unfavorite a Podcast

Priority	Low
Status	Complete
Description	The user removes a podcast from their account's favorite list
User Goal	The user wishes to remove a podcast from their account's favorite list
Desired Outcome	The podcast is removed from the user account's favorite list
Actor	User of the application
Dependent Test Cases	TC-AD #1, TC-AD #2, TC-SE #1, TC-SE #6, TC-SE #7, TC-PA #1
Requirements	SR #13
Pre-conditions	The user has an account, is logged in, and has already favorited a podcast in the past
Post-conditions	The podcast is no longer within the user account's favorite list
Trigger	The user no longer finds that a specific podcast is important and wishes to remove it from their favorites list
Workflow	<p>1) The user shall hover over the “MY ACCOUNT” button</p>  <p>2) The system shall display a drop down menu with buttons for “HISTORY”, “FAVORITES”, “SETTINGS”, and “LOG OUT”</p> <p>3) The user shall click the “FAVORITES” button</p>



- 4) The system shall display the list of Favorite podcasts
(from dependent test case TC-PA #1)**

SCRIPTOR

FAVORITES

CSE 141 - Intro to Computer Archite... | AoP-Fa18 | Steven James Swanson | Lecture 18

- 5) The user shall click the star icon next to the podcast**



- 6) The system shall display a pop-up that indicates the podcast has been removed from the favorites list**

Removed from Favorites

- 7) The system shall remove the podcast from the favorites list**
- 8) The user shall refresh the favorites page to see that favorite podcast removed**

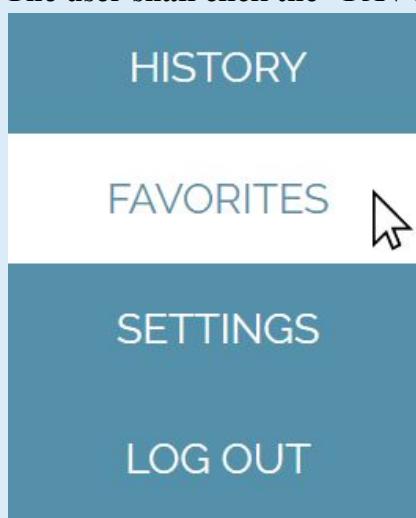
Alternate Workflow

Unfavoriting from the Podcast Page

- 1) The user shall follow TC-PA #1 to get to individual podcast page
- 2) The user shall click the “UNFAVORITE” button at the bottom of podcast page

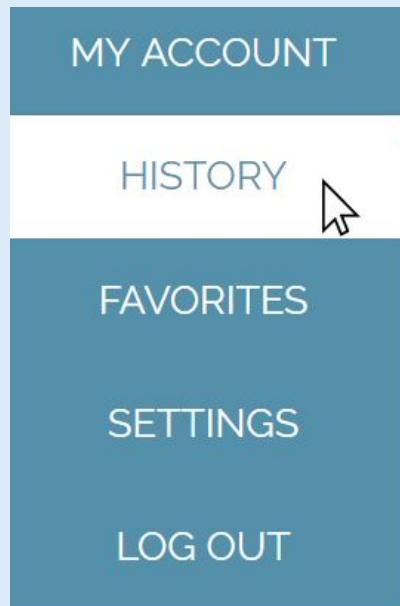
UNFAVORITE

- 3) The user shall hover over the “MY ACCOUNT” button**

	<p>SCRIPTOR</p> <p>ABOUT</p> <p>MY ACCOUNT </p>
	<p>4) The system shall display a dropdown menu of “HISTORY”, “FAVORITES”, “SETTINGS”, “LOG OUT”</p> <p>5) The user shall click the “FAVORITES” button</p>  <p>6) The system shall not display the unfavorited podcast in the list of Favorites</p>
Expected Results	<p>The test passes when the user sees a favorite page without the unfavorited podcast</p> <p>The alternate test passes when the user sees a favorite page without the unfavorited podcast</p>

TC-PA #3 View History

Priority	Medium
Status	Complete
Description	The user views a list of all of their previous queries and the podcasts they have watched in the past
User Goal	The user wishes to see what queries they have entered and what podcasts they have viewed in the past
Desired Outcome	The user sees the history related to their account
Actor	User of the application
Dependent Test Cases	TC-AD #1, TC-AD #2, TC-SE #1, TC-SE #6, TC-SE #7
Requirements	SR #14
Pre-conditions	The user has an account and is logged in
Post-conditions	The user receives a list of their search history and viewed podcast history
Trigger	The user wants to view their history to see what they viewed or queried in the past in case they want to review material
Workflow	<p>1) The user shall follow TC-SE #6 and TC-SE #7 to create some queries and corresponding search results</p> <p>2) The user shall hover over the “MY ACCOUNT” button (Should already be logged in based on dependent test case)</p>  <p>3) The system shall display a dropdown menu of “HISTORY”, “FAVORITES”, “SETTINGS”, “LOG OUT”</p> <p>4) The user shall click the “HISTORY” button</p>



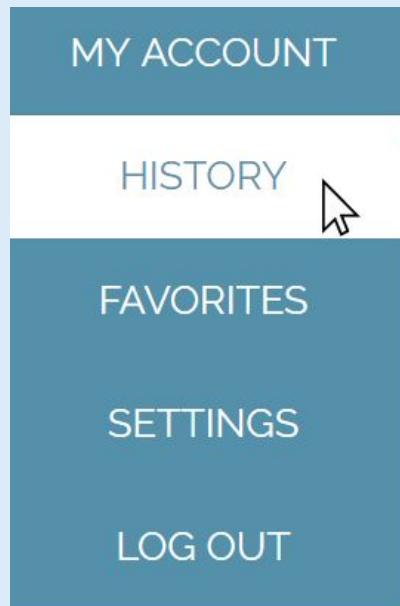
- 5) The system shall show the “History” page with the previous queries under “You’ve Searched For...” and previous individual podcast viewings under “You’ve Found...” sorted by recency**

You've Searched For...	You've Found...
facebook	MATH 183 - Statistical Methods [A00 - F18] David James Quarfoot Lecture 2
matrix	MATH 18 - Linear Algebra [B00 - W18] Todd Aahron Kemp Lecture 12
Dynamic Programming	CSE 101 - Design & Analysis of Algorithm [A00 - W19] Miles E Jones Lecture 19
math	CSE 141 - Intro to Computer Architecture [A00 - F18] Steven James Swanson Lecture 18
VolDEMORT	

Alternate Workflow	N/A
Expected Results	The test passes when the users sees the “History” page with the previous queries under “You’ve Searched For...” and previous individual podcast viewings under “You’ve Found...”

TC-PA #4 Clear History

Priority	Medium
Status	Complete
Description	After the user deletes their search history, their search history is cleared
User Goal	The user wishes to clear their search history for any reason, including starting a new quarter with a new history
Desired Outcome	The user can no longer view previous queries or podcasts watched
Actor	User of the application
Dependent Test Cases	TC-AD #1, TC-AD #2, TC-SE #1, TC-SE #6, TC-SE #7
Requirements	SR #17
Pre-conditions	The user has an account and is logged in
Post-conditions	The user's search history is empty
Trigger	The user wants to clean their search history to avoid viewing previous queries
Workflow	<p>1) The user shall hover over the “MY ACCOUNT” button (Should be logged in and searched queries from dependent test cases)</p>  <p>2) The user shall click the “HISTORY” button</p>



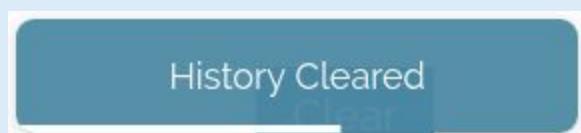
- 3) The system shall display the “History” page with the previous queries under “You’ve Searched For...” and previous individual podcast viewings under “You’ve Found...” sorted by recency

You've Searched For...	You've Found...
facebook	MATH 183 - Statistical Methods [A00 - F18] David James Quarfoot Lecture 2
matrix	MATH 18 - Linear Algebra [B00 - W18] Todd Aahron Kemp Lecture 12
Dynamic Programming	CSE 101 - Design & Analysis of Algorithm [A00 - W19] Miles E Jones Lecture 19
math	CSE 141 - Intro to Computer Architecture [A00 - F18] Steven James Swanson Lecture 18
Voldemort	

- 4) The user shall click the “CLEAR” button



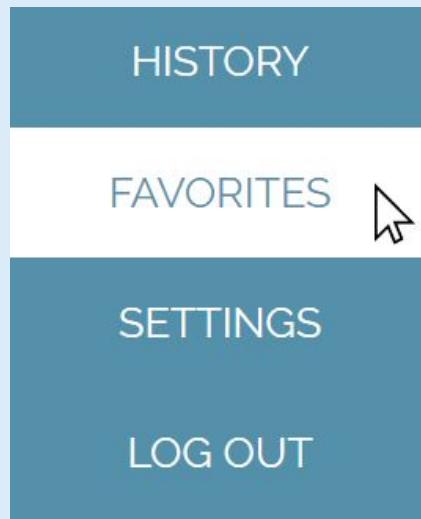
- 5) The system shall display a pop-up indicating “History Cleared”



Alternate Workflow	N/A
Expected Results	The test passes when the user sees the “History” page with no entries in both the “You’ve searched for...” and “You’ve found...” sections after the “History Cleared” popup appears

TC-PA #5 View Favorites

Priority	Medium
Status	Complete
Description	The user views a list of all of their previous favorited podcasts
User Goal	The user wishes to see what podcasts they have favorited in the past
Desired Outcome	The user sees the past favorited podcasts from their account
Actor	User of the application
Dependent Test Cases	TC-AD #1, TC-AD #2, TC-SE #1, TC-SE #6, TC-SE #7, TC-PA #1
Requirements	SR #18
Pre-conditions	The user has an account and is logged in, and has previously favorited a podcast while being logged in
Post-conditions	The user receives a list of their favorited podcasts
Trigger	The user wants to view their favorite podcasts from the past so they can see the podcasts they have deemed important to revisit
Workflow	<ol style="list-style-type: none"> 1) The user shall follow TC-SE #6 and TC-SE #7 to create some queries and corresponding search results which can be favorited as seen in TC-PA #1 2) The user shall hover over the “MY ACCOUNT” button (Should already be logged in based on dependent test case) 3) The system shall display a dropdown menu of “HISTORY”, “FAVORITES”, “SETTINGS”, “LOG OUT” 4) The user shall click the “FAVORITES” button 



- 5) The system shall display a list of previously favorited podcasts



Alternate Workflow	N/A
Expected Results	The test passes when the users sees the “Favorites” page with previously favorited podcasts



User Story Acceptance Tests

Team: Tech Support

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Ayush Shukla - Quality Assurance Lead

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Legends

Priority

High: *Vital* - Features that are absolutely essential.

Medium: *Desired* - Features that are highly wanted but not required.

Low: *Optional* - Features that are nonessential add-ons.

Status

Cancelled

Not Started

In Progress

Complete

Glossary

Term	Definition
Account	Email and Password pair used to identify an account
Podcast	A video and audio recording of a specific course lecture
Favorite	A podcast that is specially marked as “Favorite” for easier access later
Transcript	A podcast transcribed to text
Query	A specific key term or phrase that is being searched by the user
Query history	Searches performed in the past tied to an account
Results	List of podcasts that contain the user query with noted timestamps and other relevant podcast information
Podcast Page	Represents the full view page of a single podcast if the user selects a result
Filters	Narrow search by podcast quarter, professor, department, and/or course number
Text-Blurb	Surrounding words spoken in a podcast around the given query

User Story Test #1 Account Creation

Priority	Low
Status	Complete
Description	As a UCSD student, I want to be able to make an account
Test Workflow	<ol style="list-style-type: none">1) The user shall click the “SIGN UP” button2) The user shall fill in the account information in the SIGN UP popup (e.g. Email: “testEmail1@gmail.com”, Password: “12345”, Password Confirmation: “12345”)3) The user shall click the “SIGN UP” button
Expected Results	The user shall be redirected to the home page while logged in to their new account
Actual results	N/A

User Story Test #2 User Log In

Priority	Low
Status	Complete
Description	As a UCSD student, I want to be able to log in to my account
Test Workflow	<ol style="list-style-type: none">1) The user shall click the “LOG IN” button2) The user shall fill in the account information in the LOG IN popup (e.g. Email: “scriptorTestCase@gmail.com”, Password: “1234”)3) The user shall click the “LOG IN” button
Expected Results	The user shall be redirected to the home page logged in to their account
Actual results	N/A

User Story Test #3 User Log Out

Priority	Low
Status	Complete
Description	As a UCSD student, I want to be able to log out of my account
Test Workflow	1) The user shall hover over “MY ACCOUNT” 2) The user shall click the “LOG OUT” button
Expected Results	The user shall be redirected to the home page logged out of their account
Actual results	N/A

User Story Test #4 Forgot Password

Priority	Low
Status	Complete
Description	As a UCSD student, I want to be able to change my password to my account
Test Workflow	<ol style="list-style-type: none">1) The user shall click the “LOG IN” button2) The user shall click the “Forgot your password?” button3) The user shall fill in the email (e.g. “scriptorTestCase@gmail.com”)4) The user shall click the “RESET PASSWORD” button5) The user shall check their email for a link to reset their password6) The user shall follow the instructions to reset the password to “1234”7) The user shall click the “LOG IN” button8) The user shall fill in the account information in the LOG IN popup (e.g. Email: “scriptorTestCase@gmail.com”, Password: “1234”)9) The user shall click the “LOG IN” button
Expected Results	The user shall be redirected to the home page logged in to their account with their new password
Actual results	N/A

User Story Test #5 Change Password

Priority	Low
Status	Complete
Description	As a UCSD student, I want to be able to change my password to my account
Test Workflow	<ol style="list-style-type: none">1) The user shall hover over “MY ACCOUNT”2) The user shall click the “SETTINGS” button3) The user shall fill in the account information in the CHANGE PASSWORD form (e.g. Old Password: “12345”, New Password: “1234”, Confirm Password: “1234”)4) The user shall hover over “MY ACCOUNT”5) The user shall click the “LOG OUT” button6) The user shall click the “LOG IN” button7) The user shall fill in the account information in the LOG IN popup (e.g. Email: “testEmail@gmail.com”, Password: “1234”)8) The user shall click the “LOG IN” button
Expected Results	The user shall be redirected to the home page logged in to their account with their new password
Actual results	N/A

User Story Test #6 General Search

Priority	High
Status	Complete
Description	As a UCSD student, I want to be able to search through UCSD podcasts for keywords
Test Workflow	<ol style="list-style-type: none">1) The user shall enter a query (e.g. “math”) into the search bar2) The user shall click the “SEARCH” button
Expected Results	The user shall be redirected to a page that lists all UCSD Podcasts with text-blurbs that contain the phrase “math”
Actual results	N/A

User Story Test #7 Search by Department

Priority	High
Status	Complete
Description	As a UCSD student, I want to be able to search for podcasts in a specific department
Test Workflow	<ol style="list-style-type: none">1) The user shall enter a query (e.g. “math”) into the search bar2) The user shall type in the department in the Department field (e.g. “CSE”)3) The user shall click the “SEARCH” button
Expected Results	The user shall be redirected to a page that lists all UCSD Podcasts from the CSE Department with text-blurbs that contain the phrase “math”
Actual results	N/A

User Story Test #8 Search by Course Number

Priority	High
Status	Complete
Description	As a UCSD student, I want to be able to search for podcasts in a specific course
Test Workflow	<ol style="list-style-type: none">1) The user shall enter a query (e.g. “math”) into the search bar2) The user shall type in the department in the Department field (e.g. “CSE”)3) The user shall type in the course number in the Course field (e.g. “190”)4) The user shall click the “SEARCH” button
Expected Results	The user shall be redirected to a page that lists all UCSD Podcasts from CSE 190 with text-blurbs that contain the phrase “math”
Actual results	N/A

User Story Test #9 Search by Professor

Priority	High
Status	Complete
Description	As a UCSD student, I want to be able to search for podcasts from a specific professor
Test Workflow	<ol style="list-style-type: none">1) The user shall enter a query (e.g. “math”) into the search bar2) The user shall type in the professor in the Professor field (e.g. “Miles Jones”)3) The user shall click the “SEARCH” button
Expected Results	The user shall be redirected to a page that lists all UCSD Podcasts from Miles Jones with text-blurbs that contain the phrase “math”
Actual results	N/A

User Story Test #10 Search by Quarter

Priority	High
Status	Complete
Description	As a UCSD student, I want to be able to search for podcasts in a specific quarter
Test Workflow	<ol style="list-style-type: none">1) The user shall enter a query (e.g. “math”) into the search bar2) The user shall type in the quarter in the Quarter field (e.g. “Spring 2019”)3) The user shall click the “SEARCH” button
Expected Results	The user shall be redirected to a page that lists all UCSD Podcasts from Spring 2019 with text-blurbs that contain the phrase “math”
Actual results	N/A

User Story Test #11 View Surrounding Text-Blurb

Priority	High
Status	Complete
Description	As a UCSD student, I want to be able to view text surrounding my query
Test Workflow	<ol style="list-style-type: none">1) The user shall enter a query (e.g. “math”) into the search bar2) The user shall click the “SEARCH” button3) The user shall click on the first link
Expected Results	The user shall view the results contain text-blurbs that provide information around the search query of “math”, and the user shall see that the linked page contains the text-blurb corresponding to the result with the search query of “math” in it
Actual results	N/A

User Story Test #12 View a Podcast's Page

Priority	High
Status	Complete
Description	As a UCSD student, I want to be able to view the podcast associated with my search query
Test Workflow	<ol style="list-style-type: none">1) The user shall enter a query (e.g. "Voldemort") into the search bar2) The user shall click the "SEARCH" button3) The user shall click the first result
Expected Results	The user shall be redirected to the podcast page for podcast "CSE 141 - Intro to Computer Architecture [A00 - F18] Steven James Swanson Lecture 18" which corresponds to the text-blurb on that page containing the query "Voldemort"
Actual results	N/A

User Story Test #13 View Podcast Timestamp

Priority	High
Status	Complete
Description	As a UCSD student, I want to be able to quickly find a timestamp in a podcast
Test Workflow	<ol style="list-style-type: none">1) The user shall enter a query (e.g. “Voldemort”) into the search bar2) The user shall click the “SEARCH” button3) The user shall click the first result
Expected results	The user shall be redirected to the podcast page for podcast “CSE 141 - Intro to Computer Architecture [A00 - F18] Steven James Swanson Lecture 18” with the video player at the timestamp 8:48 which corresponds to the text-blurb on that page containing the query “Voldemort”
Actual results	N/A

User Story Test #14 View Full Transcript for One Podcast

Priority	High
Status	Complete
Description	As a UCSD student, I want to be able to read the entire transcript of a lecture
Test Workflow	<ol style="list-style-type: none">1) The user shall enter a query (e.g. “Voldemort”) into the search bar2) The user shall click the “SEARCH” button3) The user shall click the first result4) The user shall click the “View Full Transcript” link
Expected results	The user shall see the full transcript of the podcast that they clicked on in a new tab of their browser with the phrase “Voldemort” appearing in the text
Actual results	N/A

User Story Test #15 Podcast Transcript Highlights

Priority	Low
Status	Cancelled
Description	As a UCSD student, I want to be able to read the entire highlighted transcript of a class lecture
Test Workflow	<ol style="list-style-type: none">1) The user shall enter a query (e.g. “Voldemort”) into the search bar2) The user shall press the “SEARCH” button3) The user shall click the first result4) The user shall click the “View Highlighted Transcript” button
Expected results	The user shall see the full transcript of the podcast that they clicked on in a new tab of their browser with the phrase “Voldemort” appearing highlighted in the text
Actual results	N/A

User Story Test #16 Download Transcript for Podcast

Priority	Low
Status	Cancelled
Description	As a UCSD student, I want to be able to download the entire transcript of a lecture
Test Workflow	<ol style="list-style-type: none">1) The user shall enter a query (e.g. “Voldemort”) into the search bar2) The user shall click the “SEARCH” button3) The user shall click the first result4) The user shall click the “Download” button
Expected results	The user shall see the full transcript of the podcast that they clicked on in a new tab of their browser with the phrase “Voldemort” appearing in the text and downloaded locally
Actual results	N/A

User Story Test #17 Add Favorite Podcasts

Priority	Low
Status	Complete
Description	As a UCSD student, I want to be able to save important podcasts
Test Workflow	<ol style="list-style-type: none">1) The user shall click the “LOG IN” button.2) The user shall fill in the account information in the LOG IN popup (e.g. Email: “scriptorTestCase@gmail.com”, Password: “1234”) (or “12345” if you followed the workflow to change password)3) The user shall click the “LOG IN” button4) The user shall enter a query (e.g. “Voldemort”) into the search bar5) The user shall click the “SEARCH” button6) The user shall click the first result7) The user shall click the “FAVORITE” button8) The user shall hover over “MY ACCOUNT”9) The user shall click the “FAVORITES” button
Expected results	The user shall see the “UNFAVORITE” button of the podcast they favorite and will see the recently favorited podcast on their FAVORITES screen which contains “CSE 141 - Intro to Computer Architecture [A00 - F18] Steven James Swanson Lecture 18”
Actual results	N/A

User Story Test #18.1 Unfavorite Podcasts

Priority	Low
Status	Complete
Description	As a UCSD student, I want to be able to remove irrelevant podcasts that I favorited
Test Workflow	<ol style="list-style-type: none">1) The user shall click the “LOG IN” button2) The user shall fill in the account information in the LOG IN popup (e.g. Email: “scriptorTestCase@gmail.com”, Password: “1234”) (or “12345” if you followed the workflow to change password)3) The user shall click the “LOG IN” button4) The user shall enter a query (e.g. “Voldemort”) into the search bar5) The user shall click the “SEARCH” button6) The user shall click the first result7) The user shall click the “UNFAVORITE” button8) The user shall hover over “MY ACCOUNT”9) The user shall click the “FAVORITES” button
Expected results	The user shall see the “FAVORITE” button on the podcast page and shall not see the podcast they unfavorite, “CSE 141 - Intro to Computer Architecture [A00 - F18] Steven James Swanson Lecture 18”, on their FAVORITES screen
Actual results	N/A

User Story Test #18.2 Unfavorite Podcasts

Priority	Low
Status	Complete
Description	As a UCSD student, I want to be able to remove irrelevant podcasts that I favorited
Test Workflow	<ol style="list-style-type: none">1) The user shall click the “LOG IN” button2) The user shall fill in the account information in the LOG IN popup (e.g. Email: “scriptorTestCase@gmail.com”, Password: “1234”) (or “12345” if you followed the workflow to change password)3) The user shall click the “LOG IN” button4) The user shall hover over “MY ACCOUNT”5) The user shall click the “FAVORITES” button6) The user shall click the star next to the first favorited podcast (assuming it has not been unfavorited from previous test case)
Expected results	The user shall not see the recently unfavorited podcast, “CSE 141 - Intro to Computer Architecture [A00 - F18] Steven James Swanson Lecture 18”, on their FAVORITES screen upon refreshing the page
Actual results	N/A

User Story Test #19 View Search History

Priority	Medium
Status	Complete
Description	As a UCSD student, I want to be able to look at my previous queries
Test Workflow	<ol style="list-style-type: none">1) The user shall click the “LOG IN” button2) The user shall fill in relevant information in the LOG IN popup (e.g. Email: “scriptorTestCase@gmail.com”, Password: “1234”) (or “12345” if you followed the workflow to change password)3) The user shall click the “LOG IN” button4) The user shall enter a query (e.g. “Donut”)5) The user shall hover over “MY ACCOUNT”6) The user shall click the “HISTORY” button
Expected results	The user shall see the new added search query, “Donut”, under the section for queries
Actual results	N/A

User Story Test #20 View Podcast History

Priority	Medium
Status	Complete
Description	As a UCSD student, I want to be able to look at my previously viewed podcasts
Test Workflow	<ol style="list-style-type: none">1) The user shall click the “LOG IN” button2) The user shall fill in relevant information in the LOG IN popup (e.g. Email: “scriptorTestCase@gmail.com”, Password: “1234”) (or “12345” if you followed the workflow to change password)3) The user shall click the “LOG IN” button4) The user shall enter a query (e.g. “Voldemort”)5) The user shall click the first link6) The user shall hover over “MY ACCOUNT”7) The user shall click the “HISTORY” button
Expected results	The user shall see the newly added viewed podcast, “CSE 141 - Intro to Computer Architecture [A00 - F18] Steven James Swanson Lecture 18”, in the podcast column
Actual results	N/A

User Story Test #21 Clear User's Search History

Priority	Medium
Status	Complete
Description	As a UCSD student, I want to be able to clear my query history
Test Workflow	<ol style="list-style-type: none">1) The user shall click the “LOG IN” button2) The user shall fill in relevant information in the LOG IN popup (e.g. Email: “scriptorTestCase@gmail.com”, Password: “1234”) (or “12345” if you followed the workflow to change password)3) The user shall click the “LOG IN” button4) The user shall hover over “MY ACCOUNT”5) The user shall click the “HISTORY” button6) The user shall click the “CLEAR HISTORY” button
Expected results	The user shall see that the History page is blank
Actual results	N/A