

System and Unit Test Report

Product: Athena

Team Athena

Revision Number: 1

Revision Date: 5/30/22

System Test Scenarios:

Sprint 1

User Story 1 from Sprint 1: As a user, I want creating an account to be easy and simple, so that I know what actions to perform after onboarding.

User Story 2 from Sprint 1: As a user, I want to create a profile on Athena, so that I can access my data from anywhere.

User Story 3 from Sprint 1: As a user, I want to be able to find a book, so that I can keep track of it.

User Story 4 from Sprint 1: As a user, I want to be able to view all the books I'm reading, so that I can quickly update my progress on it.

Scenario:

1. Start Athena app
2. Go through onboarding screens, clicking on "Next" 3 times
3. Create account
 - a. Email = <YOUR_EMAIL>
 - b. Password = <athenapassword>
 - c. Click on "Signup"
4. User should see loading sign and then be taken to library screen showing an empty library
5. Click on the "Search" tab icon
 - a. Tap on the search text field
 - b. Search Text = <Metaverse>
 - c. Press the "Search" button on the keyboard
 - d. Click on the first result from Matthew Ball (The Metaverse)
6. Click on "Add to Library"
7. Click on "I'm reading this"
8. Click on the Library tab. You should see (The Metaverse) book now listed as one of the books you are reading.

Sprint 2

User Story 1 from Sprint 2: As a user I want to see how much of the book I have left to read so I can keep track of my progress

Scenario:

1. Start Athena app (after you are already logged in and have finished the above scenario)
2. Click on a book in your library
 - a. If you do not have a book added to your currently reading library already, follow the steps listed in the above scenario
3. You should see your progress ring showing how many pages are left to read

User Story 2 from Sprint 2: As a user, I want to be able to add my own notes so that I have a record of everything in one place.

Scenario:

1. Start Athena app (after you are already logged in and have finished the above scenarios)
2. Click on the Notes tab
3. Click on the “Plus” icon in the top right
4. Create your note
 - a. Title = <“Favorite Passages from Metaverse”>
 - b. Description = <“Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.”>
 - c. Click on Tap to Link Book. Select “The Metaverse: And How it Will Revolutionize Everything” from the popup menu. Follow the directions in the above scenario if you have not added this book to your library.
5. Click on the “Save” button in the top right corner
6. You should be taken back to the Notes screen with your new note appearing in the list.

Sprint 3:

User Story 1 from Sprint 3: As a user I want to be able to access the notes I've written so that I have a record of everything in one place

User Story 2 from Sprint 3: As a user I want to be able to search through the notes I've written so that I can quickly find what I'm looking for

Scenario:

1. Start Athena app (after you are already logged in and have finished the above scenarios)
2. Click on the Notes tab
3. Click on the search text field to search your notes
 - a. Search Text = <"Matthew">
 - b. Your note "Favorite Passages from Metaverse" should appear
 - c. Search Text = <"Matthew Walker">
 - d. You should get no results

User Story 3 from Sprint 3: As a user I want a way to remind myself of which books to read so that I can refer to them in the future

Scenario:

1. Start Athena app (after you are already logged in and have finished the above scenarios)
2. Click on the "Search" tab icon
 - a. Tap on the search text field
 - b. Search Text = <"Why We Sleep">
 - c. Press the "Search" button on the keyboard
 - d. Click on the first result from Matthew Walker (Why We Sleep)
3. Click on "Add to Wishlist"
4. Click on the Profile tab.
5. Click on the Wishlist segment.
6. You should see the book "Why We Sleep" appear in the list.

Sprint 4:

User Story 1 from Sprint 4: As a user I want to be able to review the books I read so that I can save my thoughts about it

Scenario:

1. Start Athena app (after you are already logged in and have finished the above scenarios)
2. Click on the “The Metaverse” book in your Library view
3. Click on “Mark as Completed”. This will take you back to the Library screen.
4. Click on the Profile tab.
5. “The Metaverse” should appear in the “Already Read” segmented tab. Click on this book
6. Click on the “Add your Review” button. This should take you to a new screen to enter your review.
 - a. Type your review = <”This was one of the best books I have ever read. Matthew’s insightful look into the future of computing helped me plan for the future.”>
 - b. Click on the “Save” button in the top right corner
7. You will be taken back to the detail screen of the book where you can now read your review.

User Story 2 from Sprint 4: As a user I want to be able to sort the books I have read (or yet to read etc) by ranking, release date, author, etc., so that I can access books easily.

Scenario:

1. Start Athena app (after you are already logged in and have finished the above scenarios)
2. Click on the sort icon in the top right corner
 - a. Click on “Sort by Author”. If you have books in your library, they should be sorted alphabetically by the author name
 - b. Click on “Sort by Title”. If you have books in your library, they should be sorted alphabetically by the title
 - c. Click on “Sort by Progress”. If you have books in your library, they should be sorted in descending order based on the progress you have made reading said book
3. Click on the Profile tab.
4. Click on the sort icon in the top right corner
 - a. Click on “Sort by Author”. If you have books in your library, they should be sorted alphabetically by the author name

- b. Click on “Sort by Title”. If you have books in your library, they should be sorted alphabetically by the title

Unit Tests:

Our TA (Jayjeet Chakraborty) said that writing unit tests for an iOS app would be difficult and told us we don't have to write unit tests.

Definition of Done:

1. Code checked into repository
2. Code reviewed for styling guidelines
3. Code reviewed by team member
4. Code merged into development branch
5. Automatic build of product executable and distribution via Testflight through Xcode Cloud (an Apple provided CI/CD service)
6. Non-functional tests (usability and performance) passed by other team members