PI Planning Simulation

Features and Starter Stories for GeekBooks

GEEKBOOKS

Instructions:

- Print out (single-sided) and cut out the features and the starter stories

- Participants may find it easiest to tape them to the appropriate color of the Sticky Note (see Color Coding Sticky Notes Legend below)

- Some Stories are Enablers such as spikes, refactors, or defects

- Features are already prioritized

> ⚠ **NOTE:** The stories for the simulation are Starter Stories. Keep in mind that many are missing, some need to be broken down, or are duplicates in other teams' backlogs.

Color Coding Sticky Notes Legend

Green	Orange	Yellow	Purple	Red/Pink	Red/Pink
User Stories	Infrastructure Architecture Enablers	Exploration Enablers	Maintenance	Risks and Dependencies	ADDRESSED Risks and Dependencies

FEATURE: Flexible search

PRIORITY: 1
BENEFIT: Users will have a flexible, easy-to-use search capability to locate books
DESCRIPTION: Search by author, title, or genre from a single search field. Misspelling substitutions (i.e., "Did you mean …"). Present results as per-match algorithm.

As a book searcher
I can search books by author
So that I can find all books by my favorite author or an author I have heard about

SIZE:

As a book searcher
I can search books by title
So that I can directly find a book
(or books) with a specific title

SIZE:

As a book searcher
I can search books by author and find the correct one even if there are misspellings
So that I can directly find a book with a specific title even if my spelling or memory is deficient

SIZE: 5

As a book searcher
I can search books by title and find the correct one even if it isn't an exact match or has a misspelling
So that I can directly find a book with a specific title

SIZE: 5

As a book searcher
I can search books by genre
So that I can find books in a specific genre

SIZE: 2

As a book searcher
I have suggested search terms pop up for genres as I type
So that I can easily find and search on the genre I am looking for

SIZE: 1

As the Match API
I can receive a title match rating from the match algorithm
So that I can order results by match suitability

SIZE: 8

ENABLER (TECHNICAL SPIKE):
Determine impact of internationalization on the solution so that it can be considered for the estimation of the internationalization epic

SIZE: 3

As the Match API
I can receive an author match rating from the match algorithm
So that I can order results by match suitability

SIZE: 8

As a book searcher
I have suggested search terms pop up for titles as I type
So that I can easily find and search on the title I am looking for

SIZE: 3

As a book searcher
I can search for recommended books based on previous purchases or items in my shopping bag
So that I can find books that are similar to books that interested me

SIZE: 8

FEATURE: Shopping Cart
PRIORITY: 2
BENEFIT: Users can manage items in a shopping cart for immediate or future purchase
DESCRIPTION: Users can easily access their cart from any page, view the same information displayed in the book list, change the quantity, remove it from their cart, or save it for later. A subtotal for all items in their shopping cart should be displayed at the bottom. Items saved for later should appear below that.

As a book shopper
I can access my shopping cart from any page
So that I can quickly review what I may be purchasing

SIZE:

As a book shopper
I can see an icon indicating the number of items in my shopping cart from any page
So that I can better determine whether I should continue shopping or access my shopping cart to review what I have purchased so far

SIZE:

As a book shopper
I can change the number of items in my shopping cart
So that I can quickly update my cart

SIZE: 1

As a book shopper
I can remove items from my shopping cart
So that I can quickly update my cart

SIZE: 2

ENABLER (TECHNICAL SPIKE)
Research AJAX capabilities for a better user experience for shopping cart updates

SIZE: 5

As a book shopper
I can save an item
So that I can retrieve it later

SIZE: 5

As a book shopper
I can get a shipping quote directly from my cart
So that I can quickly understand the total cost of my cart before continuing with the purchasing process

SIZE: 8

FEATURE: Purchase by credit card

PRIORITY: 3
BENEFIT: Users can purchase products from us (as soon as implemented – only beta up until then)
DESCRIPTION: Users can select from their preferred credit card and shipping address as defined in their profile or add new ones. Visa, Mastercard, Discover, and Diners Club are required. American Express is optional. Must be PCI compliant.

As a book purchaser
I can enter new credit card information
So that I can pay using a new credit card

SIZE:

As a book purchaser
I can securely save my credit card information
So that I don't need to retype it for future purchases

SIZE:

As a book purchaser
I can enter new shipping information
So that I can ship to a new location

SIZE: 2

As a book purchaser
I can securely save my shipping information
So that I don't need to retype it for future purchases

SIZE: 3

ENABLER (TECHNICAL SPIKE):
Pick the encryption mechanism for saving credit card data

SIZE: 5

ENABLER (TECHNICAL SPIKE):
Research difference garbage collection options, so that credit card data is removed from the server memory as soon as possible

SIZE: 8

As a book purchaser
I can access saved credit card information
So that I can retrieve what I saved when making previous purchases

SIZE: 2

As a book purchaser
I can access past purchases
So that I can re-order the same items again

SIZE: 5

FEATURE: Shipping Method Selection

PRIORITY: 4
BENEFIT: Users can select a shipping method based on cost, delivery speed, and carrier
DESCRIPTION: Users can select a shipping method based on the price, delivery speed, and estimated delivery date for all major carriers (USPS, UPS, and FedEx).

As a book purchaser
I can see which shipping options are available for this order
So that, based on my experience with shipping options, I can more quickly select my shipping method for this order

SIZE:

As a book purchaser
I can see the price for each shipping method for my current order
So that I can better select a shipping method based on price

SIZE:

As a book purchaser
I can see the delivery date for each shipping method for my current order
So that I can better select a shipping method based the delivery date without having to consider holidays, cutoff times, etc.

SIZE: 8

As a book purchaser
I can define my shipping preferences
So that I can do not have to enter my information each time I purchase books

SIZE: 3

ENABLER (FUNCTIONAL SPIKE):
Determine how to calculate the shipping costs using UPS and FedEx web services APIs

SIZE: 8

ENABLER (INFRASTRUCTURE):
Upgrade Eclipse so that we can take advantage of the enhanced stability

SIZE: 3

As a book purchaser
I can see the delivery speed for each shipping method for my current order
So that I can better select a shipping method based on speed

SIZE: 2

FEATURE: Profile Management

PRIORITY: 5
BENEFIT: Users can create and maintain their profiles rather than enter in their information each time they order
DESCRIPTION: Users can manage their login credentials (ID, password), personal information (name, email address, home address), nickname for book rating and commenting, credit card information (multiple), and shipping address (multiple). Physical addresses, email addresses, and credit card info should be verified as valid. Passwords must meet our current security standards

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As a book purchaser
I can create a user profile
So that I do not have to enter my information each time I add books to my shopping cart or purchase books

SIZE:

As a book purchaser
I can update my user profile
So that I can keep it up to date as my personal information changes

SIZE:

As a book purchaser
I can define my shipping preferences
So that I do not have to enter my information each time I purchase books

SIZE: 5

As a book purchaser
I can add a nickname and avatar to my profile
So that I can rate and comment on books without people knowing my true identity

SIZE: 2

As a book purchaser
I can enter all personal, shipping, and credit card information
So that I know there is no chance that my personal data will be intercepted or hacked, and that I will not receive unwanted communications

SIZE: 5

As a book purchaser
I can define my credit card preferences
So that I do not have to enter my credit card information each time I purchase books

SIZE: 2

Exploration Enabler
Prepare prototypes for an A/B test of two different modes of profile creation: a) multipage wizard for entering all data fields or b) a single page with all questions listed

SIZE: 8

Architecture Enabler (Spike):
Pick a component for avatar upload and avatar resizing

SIZE: 5

As a book purchaser
I can erase my profile
So that I can exercise my right to be forgotten. **Note**: GDPR requirement

SIZE: 5

As a book purchaser
I can securely login
So that there is no chance that my personal data will be intercepted or hacked

SIZE: 8

FEATURE: Book Detail

PRIORITY: 6
BENEFIT: Users can see informative and enticing details about a book
DESCRIPTION: Display book name, book cover (which can be enlarged when clicked), author and bio, book description, genre, publishing info (publisher, release date, etc.), book rating, and comments. Hyperlink author's name to a list of other books by the same author.

As a book browser
I can see the book name and author
So that I can recognize books based on the most well-known information

SIZE:

As a book browser
I can see an image of the book cover
So that I can gain a quick emotional sense of whether this is a book I'd like to further consider

SIZE:

As a book browser
I can see other books the author has written
So that I can determine whether another book by the author may be better for me

SIZE: 2

As a book browser
I can see the book rating by book purchasers
So that I can learn which books are most highly regarded by the people who most likely have actually read them

SIZE: 5

As a book browser
I can see comments about the book
So that I can understand what other readers think about it

SIZE: 2

As a book browser
I can see the bio and other details about the author
So that I can gain a quick sense of whether I may like the author and other books he or she may have written

SIZE: 8

FEATURE: Book List Sorting

PRIORITY: 7
BENEFIT: Users can sort a list of books in a number of ways to more easily find what they are looking for.
DESCRIPTION: Sort by book title, author, price, book rating, and release date. Allow for user to select the number of search results to appear on each page.

As a book searcher or browser
I can sort the books returned from an author search by date published
So that I can easily find the newest and the oldest books

SIZE:

As a book searcher or browser
I can sort the books returned from an author search by title
So that I can easily find the books with titles I might know

SIZE:

As a book searcher or browser
I can sort the books returned from a title search by author
So that I can easily find the book I want among many books with the same title

SIZE: 2

As a book searcher or browser
I can sort the books returned from a title search by genre
So that I can easily find the book I want among many books with the same title in the genre that I want

SIZE: 2

Exploration Enabler:
Prototype different options for filtering and category representation for internal A/B testing

SIZE: 5

Architectural Enabler (Spike):
Prototype methods to organize pagination and changing the resulting page size

SIZE: 5

As a book searcher
I can sort the books returned from a genre search by author
So that I can easily find the book I want among many books with the same author

SIZE: 3

FEATURE: Book Browsing

PRIORITY: 8
BENEFIT: Users will have a simple and enjoyable way to discover new books and authors
DESCRIPTION: Allow user to browse books by genre, top sellers in our book store, Tech Valley Times best sellers, and book rating. When presenting books within a genre, place Tech Valley Times best sellers at the top and then sort the remaining by book rating.

As a book browser
I can view a list of available genres
So that I can quickly determine which genre(s) I'd like to browse

SIZE: 2

As a book browser
I can browse a list of books for the genre I select with a clear indication of which are Tech Valley Times best sellers
So that I can locate books which have received positive professional reviews

SIZE: 3

As a book browser
I can browse the Tech Valley Times Best Seller books in a variety of ways
So that I can find good books across genres and authors that I may otherwise not explore

SIZE: 2

As a book browser
I can browse books by user ratings in a variety of ways
So that so that I can find the most highly rated books by geeks like me across genres and authors

SIZE: 5

Exploration Enabler :
A/B test different UX models for browsing: left-side navigation; left-side and current selection criteria in the top, etc.

SIZE: 5

As a book browser
I can browse books by the number of copies sold over multiple time periods (e.g., today's best seller, this week's, this month's, etc.)
So that I can find the trendiest books purchased by geeks like me

SIZE: 8

As a book browser
I can browse a list of books for the genre I select with a clear indication of which are the most highly rated by other users
So that I can locate books which have received positive book purchaser reviews

SIZE: 3

FEATURE: Book Rating

PRIORITY: 9
BENEFIT: Users can rate books they've purchased to help others in their selection process
DESCRIPTION: Use a five-star rating system. Users can only rate a book if they've purchased it and may select whether they show their nickname (defined in their profile) or remain anonymous.

As a book rater
I can view the books I've purchased but not rated
So that I can choose which ones I'd like to rate

SIZE:

As a book rater
I can sort the books I've rated by rating
So that I can more easily remember
my favorite books as time passes

SIZE:

As a book rater
I can choose whether I show the nickname
defined in my user profile or remain anonymous
So that I can have the privacy options
I want on a case by case basis

SIZE: 2

As a book rater
I can change my rating up to one week after
I rated it
So that I can still reconsider my opinion

SIZE: 3

Exploration Enabler:
Research a time-based cumulative rating
of a book for PI 2

SIZE: 5

As a book rater
I can receive an email notification based on my personal
notification schedule to rate a book I already purchased
So that I that I can more easily share my opinions even
though I have a busy life

SIZE: 5

FEATURE: Commenting

PRIORITY: 10
BENEFIT: Users can comment on books they've purchased to help others in their selection process
DESCRIPTION: A single comment should be limited to the number of characters, which can fit within half the browser window (so that there are at least two comments which can appear at the same time). Users can only comment on a book if they've purchased it and may select whether they show their nickname (defined in their profile) or remain anonymous.

As a book commentator
I can view the books I've purchased but not yet commented on
So that I can choose which ones I'd like to invest my time

SIZE:

As a book commentator
I can use a rich text editor to author my comments
So that I have greater artistic freedom in expressing myself

SIZE:

As a book commentator
I can receive an email notification based on my personal notification schedule to comment on a book I already purchased
So that I that I can more easily share my opinions even though I have a busy life

SIZE: 5

As a book commentator
I can choose whether I show the nickname defined in my user profile or remain anonymous
So that I can have the privacy options I want on a case by case basis

SIZE: 3

As a commentator
I can remove a comment at any time
So that I can reconsider how I participate and have more control over my privacy

SIZE: 2

Architectural Enabler (Spike):
Research basic spam protection mechanisms for commenting

SIZE: 3

As a book commentator
I have a visual indicator of how many characters I've typed and how many I have left
So that I that I can more efficiently compose a review of allowed/appropriate length

SIZE: 1

As a book commentator
I can change my comment up to one week after I comment on it
So that I can still reconsider my opinion

SIZE: 5

Exploration enabler:
Internally test the "is this comment useful?" functionality for PI 2

SIZE: 5

As a commentator
I can remove all comment at any time
So that I can exercise my right to be forgotten. **Note**: GDPR requirement.

SIZE: 5