

FSD

Functional Specification Document

HCV Lifecycle iPad App

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Version:

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3 References

In addition to this Functional Specification, the reader will also find these documents to be invaluable.

Reference	Document
Wireframes	c_the_difference_v5.3.graffle

4 Importance of the Manuscript

For this project, when questions arise about what content should be on a page, always refer to the manuscript as final check for all content.

If there is something in this functional specification that disagrees with the manuscript, then that point difference should be brought to the attention of J&J IT and a GHG project manager, and either the manuscript or the functional specifications should be updated or clarified - or perhaps an agreement can be made on the next course of action.

5 Common Global Elements

The Common Global Elements appear on every page of the site. These elements may appear in various sections of a webpage, including the Consumer Header, Consumer Footer, and on the right hand side of the page in templates T3, T4 and T6.

5.1 Global Footer

The Global Footer is persistent and appears on the bottom of every template except for T1. It displays two pieces of company information, both of which do not link externally.

The elements contained in the Global Footer are as follows:

- Janssen Therapeutics division information (no interaction)
- Janssen Logo (no interaction)

Overview

A mock-up of the Global Footer with all elements and their relative position is shown below.



Figure 1: Global Footer

There are no behaviors associated with the elements of the Global Footer.

5.2 Global Callouts

General

- There is 1 callout that appears on almost all internal pages.
- This callout appears near the top left of the iPad app when oriented both horizontally and vertically. This callout is an element of templates T3, T4, T5, T6, and T7.
- The callout is labeled as follow:
 - Home Button
- When a user clicks on the Home Button callout, they are directed to the home screen, T2.

Design / Layout

(This is an example of the global Home Button callout appearing in a T3 Template)



Figure 2: Global Home Button Callouts: T4 Template

Elements / Behaviors

The following describes the various elements and behavior of the Global Callout

ID	Element	Behavior
GC01	Global Home Button Callout	<ul style="list-style-type: none">• This callout appears on all template pages except T1 and T2.• This callout appears near the top right corner of the page• When a user clicks on this callout, they are taken to the home page, T2.

6 Site Navigation

General

- The main navigation of the site is represented on the T2 Home Page.
- The navigation elements are linked areas of the full-page image; each area represents a stage in the HCV lifecycle. Clicking on each link takes users to a details page with information about that specific stage in the cycle.
- Each linked item corresponds to a unique page on the site.
- The menu system supports one level (tiers) of pages.
- After entering the site through the Title Page (T1), the user will see the T2 Homescreen, where most primary navigation is housed (Figure 3).
- From Figure 3, a user can navigate to any individual details page (T3) as well as to the beginning of the Quiz (for details about quiz navigation, see T5 Question Page).

Design / Layout

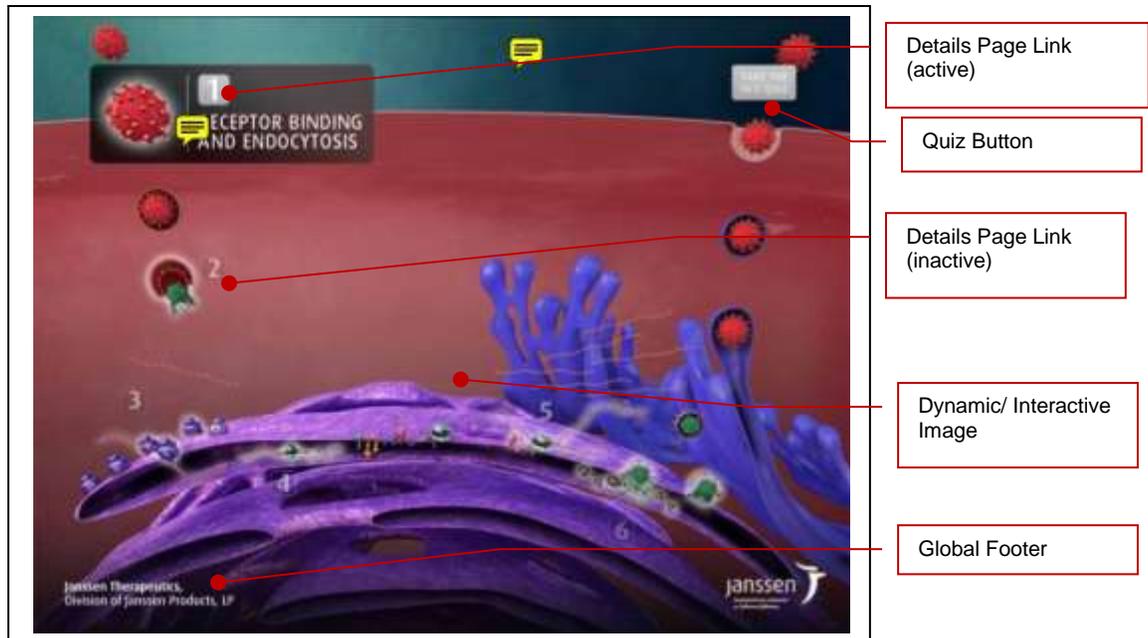


Figure 3: Details page navigation

Elements / Behaviors

The following describes the various elements and behavior of Site Navigation and Menu:

ID	Element	Behavior
T201	Title	<ul style="list-style-type: none">Title is present on page load, and after an amount of time TBD, becomes hidden.
T202	Dynamic/Interactive Image	<ul style="list-style-type: none">TBD
T203	Details Page Link	<ul style="list-style-type: none">On click, takes user to T3 Details Page corresponding to that particular phase within the cycle.
T204	Quiz Button	<ul style="list-style-type: none">On click, takes user to the first page of the quiz.For navigation within the quiz, see T5 Question Page details.
T205	Global Footer	<ul style="list-style-type: none">No interactionSee Global Footer section
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7 Basic Site Templates

7.1 Overview

All content on the site is contained in (7) basic site templates.

The (7) basic templates are as follows:

- Template **T1** – Title Page
- Template **T2** – Home Page
- Template **T3** – Details Page
- Template **T4** – Details Page with Overlay
- Template **T5** – Question Page
- Template **T6** – Question Confirmation Overlay
- Template **T7** – Results Page

Each of the templates are examined below in more detail.

7.2 Template T1 – Title Page

General

- The T1 template is used by the site's landing page only. This page is designed to be the primary landing page for the HCV Lifecycle App.
- The main content area of the Title Page contains the title of the application and a "Touch Here to Begin" call to action which allows users to enter the application.
- This is the only template in which the Global Footer is hidden.
- Users navigate into the application by tapping the "Touch Here to Begin" button.

Design / Layout

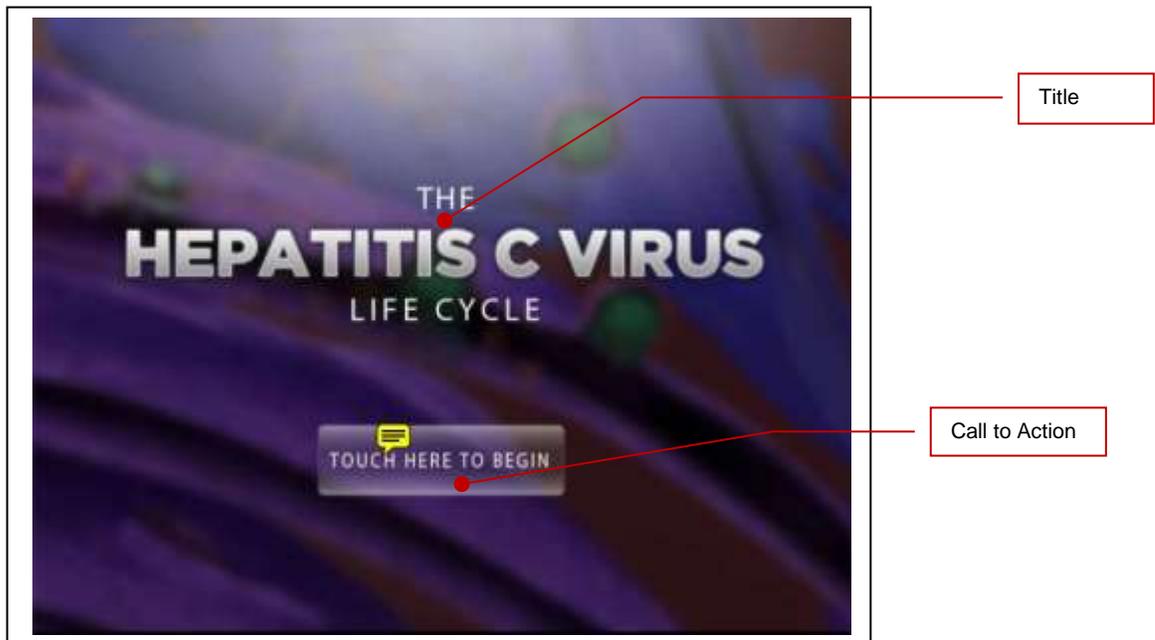


Figure 4: T1 Template – Title Page

Elements / Behaviors

The following describes the various elements and behaviors of the **T1** template:

ID	Element	Behavior
T101	Title	<ul style="list-style-type: none"><li data-bbox="704 371 935 401">• No interaction
T102	Button: Touch Here to Begin	<ul style="list-style-type: none"><li data-bbox="704 409 1068 438">• On tap, load home page

7.3 Template T2 – Home Page

General

- The T2 template is the Home Page.
- Users access the T2 template when tapping the Global Callout Home Button from any page within the site.
- Templates accessible from T2 include: T3 and T5.
- Animation TBD.

Design / Layout

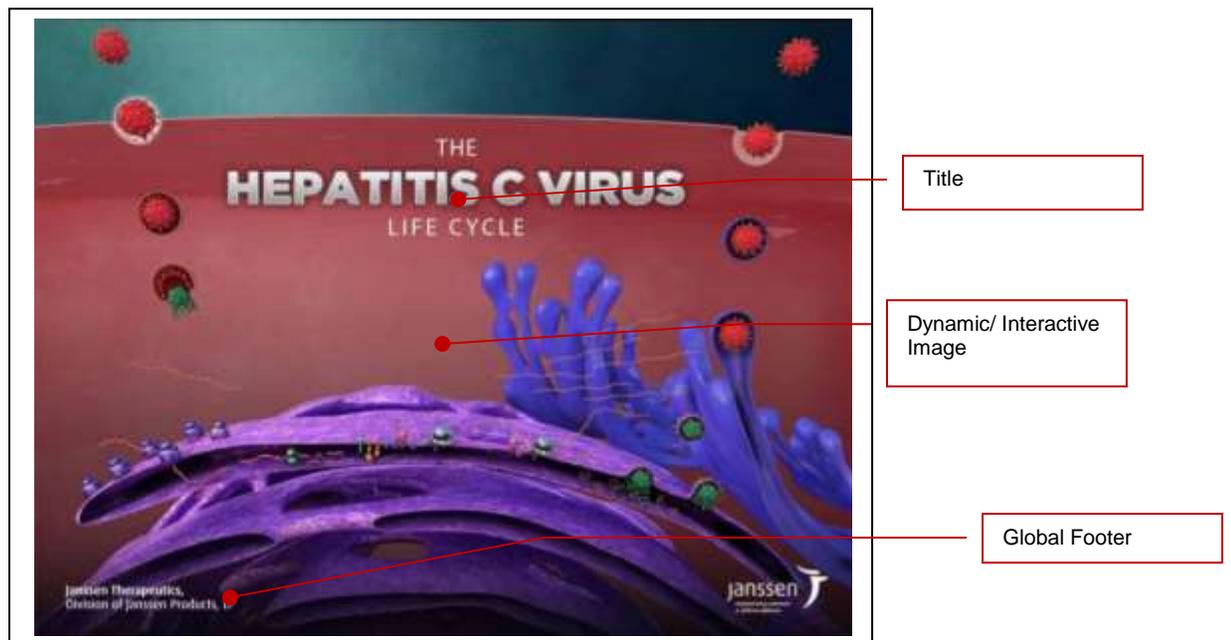


Figure 5: T2 template page on load (as animation begins)

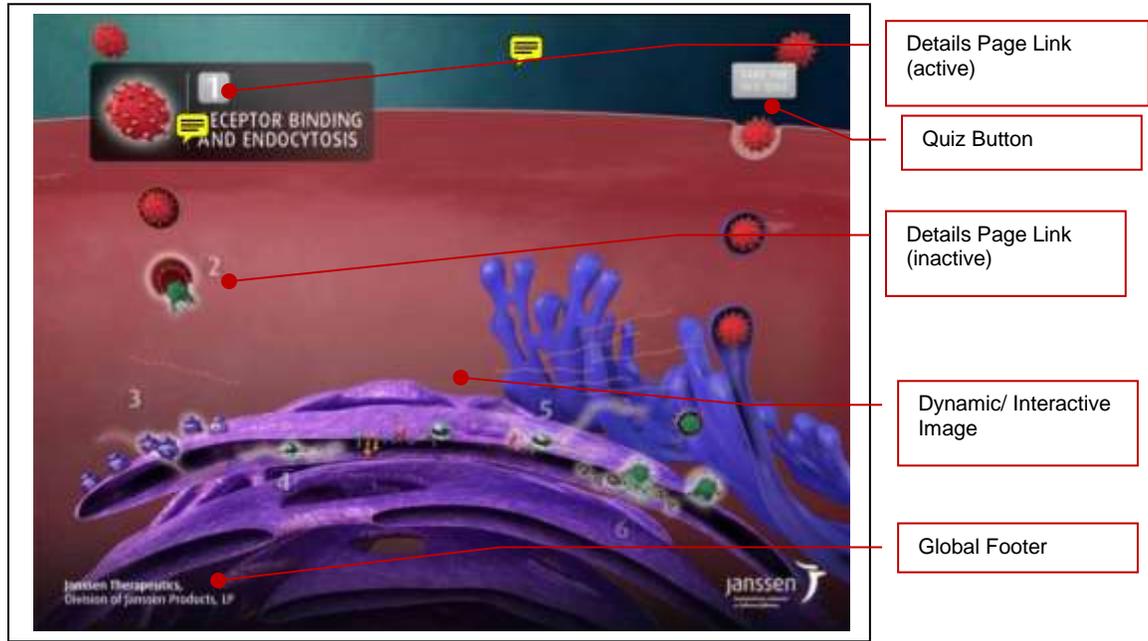


Figure 6: T2 template (upon completion of initial animation)

Elements / Behaviors

The following describes the various elements and behavior of the **T2** template:

ID	Element	Behavior
T201	Title	<ul style="list-style-type: none"> Title is present on page load, and after an amount of time TBD, becomes hidden.
T202	Dynamic/Interactive Image	<ul style="list-style-type: none"> Animation TBD
T203	Details Page Link	<ul style="list-style-type: none"> On click, takes user to T3 Details Page corresponding to that particular phase within the cycle.
T204	Quiz Button	<ul style="list-style-type: none"> On click, takes user to the first page of the quiz.
T205	Global Footer	<ul style="list-style-type: none"> No interaction See Global Footer section
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7.4 Template T3 – Details Page

General

- The T3 template is a common template used for numbered pages linked directly from the Home Page.
- The template contains the following:
 - Global Callout Home Button
 - Global Footer
 - Page Title
 - Take the HCV Quiz Button
 - Forward Arrow
 - Back Arrow
 - Image Overlay Expand Button
 - Close Tab
 - Image w/ Caption
 - Main Content

Design / Layout

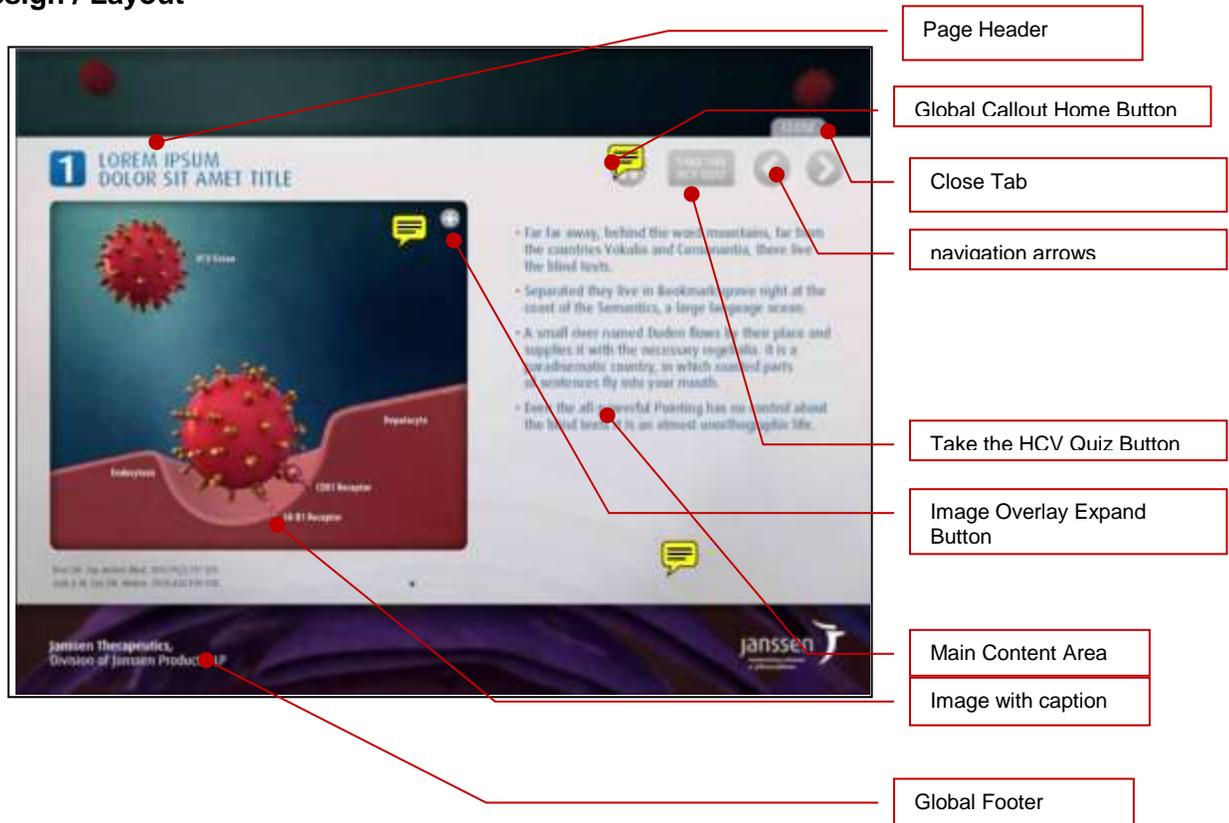


Figure 7: T3 Template

Elements / Behaviors

The following describes the various elements and behavior of the **T3** template.

ID	Element	Behavior
T301	Page Header	<ul style="list-style-type: none"> Contains page title content.
T302	Global Callout Home Button	<ul style="list-style-type: none"> See Global Callout section; returns user to home page template
T303	Close Overlay Tab	<ul style="list-style-type: none"> On tap, returns user to home page
T304	Navigation arrows	<ul style="list-style-type: none"> On tap, navigates chronologically through phases of the cycle. Rules for determining "next page": If there are no more pages, "next" is the beginning page (creates a loop). If there are no previous pages, "back" is the last page (creates a loop).
T305	Image Overlay Expand Button	<ul style="list-style-type: none"> On tap, navigates user to T4 Details page overlay for corresponding
T306	Take the HCV Quiz Button	<ul style="list-style-type: none"> On tap, navigates user to Quiz (T5 Question page template)

T307	Image with Caption	<ul style="list-style-type: none"> Image and caption. No interaction.
T308	Global Footer	<ul style="list-style-type: none"> No interaction See Global Footer section
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7.5 Template T4 – Details Overlay

General

- The T4 template is an version of the T3 Details Page Template. The T4 Template is a full-width image with no additional main content.
- The template contains the following:
 - Page Header
 - Global Callout Home Button
 - Close Tab
 - Navigation Arrows
 - Overlay Close Button
 - Take the HCV Quiz Button
 - Supplemental Content
 - Full-width Image w/ Caption
 - Global Footer

Design / Layout

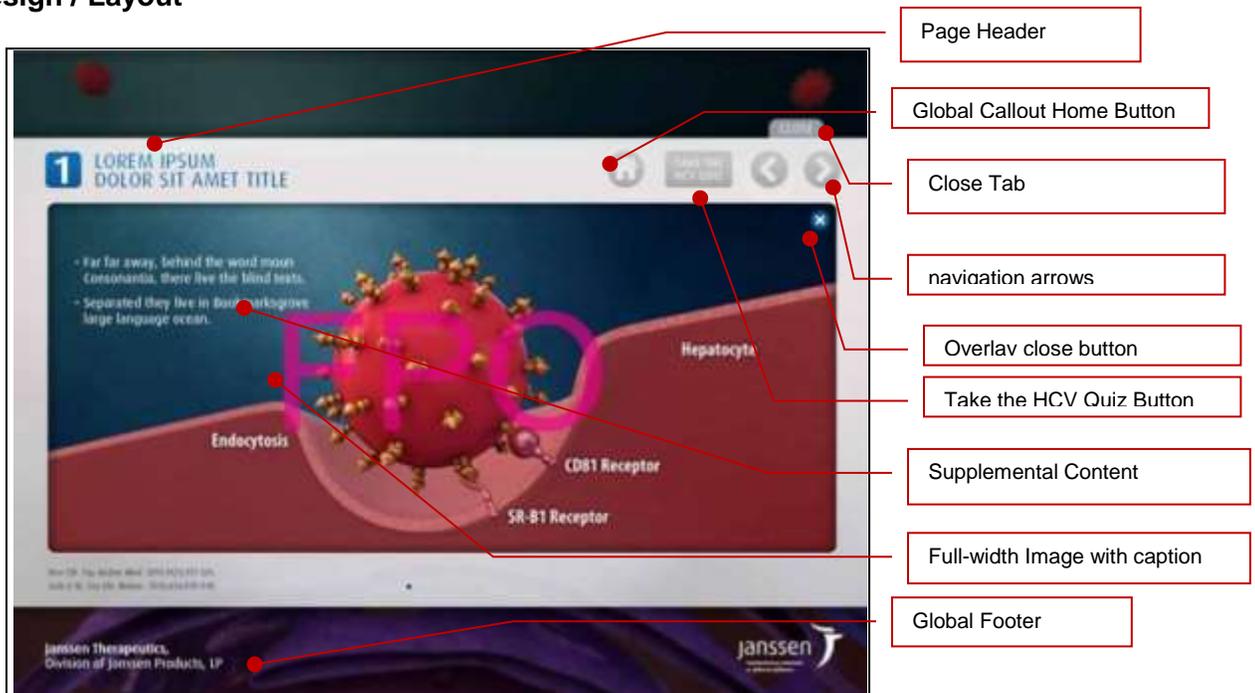


Figure 8: T4 Template

Elements / Behaviors

The following describes the various elements and behavior of the **T4** template:

ID	Element	Behavior
T401	Page Header	<ul style="list-style-type: none">• Contains page title content
T402	Global Callout Home Button	<ul style="list-style-type: none">• See Global Callout section; returns user to home page template
T403	Close Tab	<ul style="list-style-type: none">• On tap, returns user to home page
T404	Navigation arrows	<ul style="list-style-type: none">• On tap, navigates chronologically through phases of the cycle.<ul style="list-style-type: none">○ Rules for determining “next page”: If there are no more pages, “next” is the beginning page (creates a loop). If there are no previous pages, “back” is the last page (creates a loop).
T405	Overlay Close Button	<ul style="list-style-type: none">• On tap, closes full-width image; returns user to T3 Details Page template for corresponding page.
T406	Take the HCV Quiz Button	<ul style="list-style-type: none">• On tap, navigates user to Quiz (T5 Question page template)
T407	Supplemental Content	<ul style="list-style-type: none">• Additional copy not present on the T3 Details page version.
T408	Full-width image with caption	<ul style="list-style-type: none">• Interactivity TBD
T409	Global Footer	<ul style="list-style-type: none">• No interaction• See Global Footer section

7.6 Template T5 – Question Page

General

- The T5 template hosts the questions and the multiple choice answers for the quiz portion of the application.
- The quiz can only be taken in a linear fashion. The user can only advance to the next question if the current question is answered correctly. The user will be “unlocking” each question with a correct answer.
- The template contains the following:
 - Question Text
 - Global Callout Home Button
 - Answer Button
 - Completion Meter
 - Global Footer

On click of any button, show T6 – Answer Confirmation Pop Up. If answer is correct, user can advance to the next question. If answer is incorrect show “Try Again” and “Return to x chapter” buttons. Use the following rules for the question.

- **User answers question successfully:** question becomes an active link within the meter, and darkens to grey. To navigate to previous questions answered, user taps on any grey question within the meter.
- **Current question:** indicated by blue color. No linking interaction.
- **Unanswered questions:** indicated by white color. These do not link, as they have not yet been “unlocked” by answering the question successfully.

Design / Layout

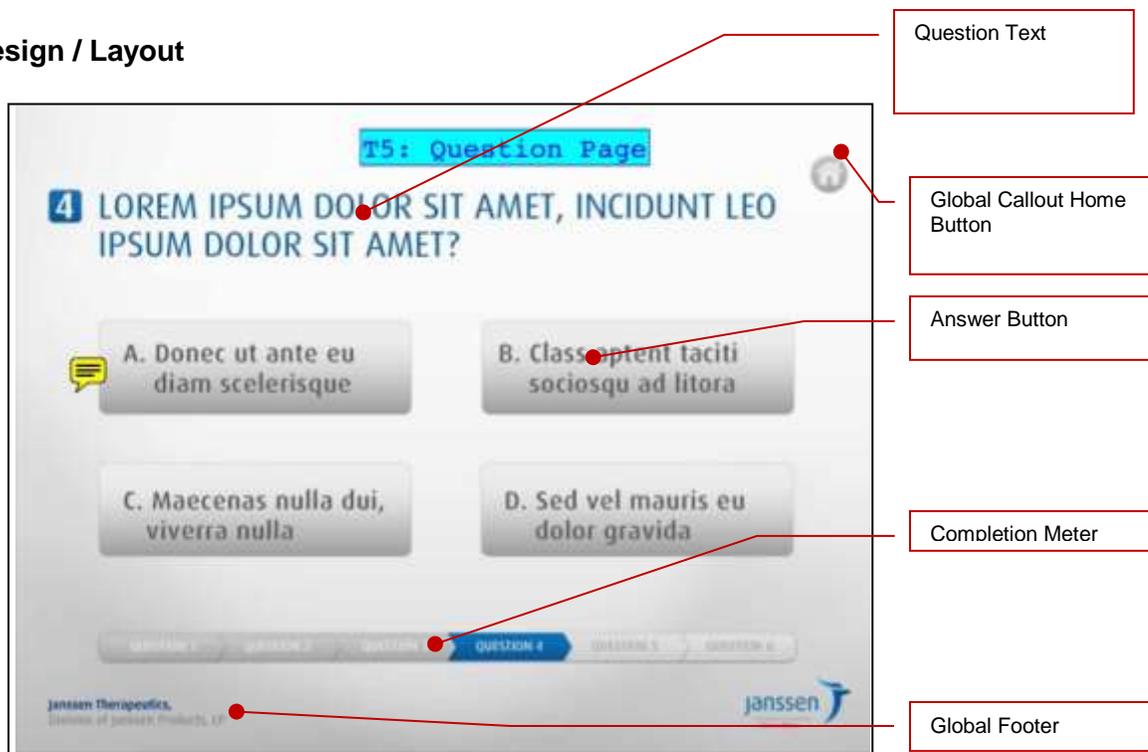


Figure 9: T5 Template

Elements / Behaviors

The following describes the various elements and behavior of the **T5** template:

ID	Element	Behavior
EP01	Question Text	<ul style="list-style-type: none"> Static content
EP02	Global Callout Home Button	<ul style="list-style-type: none"> See Global Callout section; returns user to home page template
EP03	Answer Button	<ul style="list-style-type: none"> A selection of four buttons (calls to action)
EP04	Completion Meter	<ul style="list-style-type: none"> Functions as navigation. Quiz must be taken in a linear fashion. In order to proceed to the next question, a user must “unlock” the link by answering the current (blue) question successfully. Use the following rules: <ul style="list-style-type: none"> User answers question successfully: question becomes an active link within the meter, and darkens to grey. To navigate to previous questions answered, user taps on any grey question within the meter. Current question: indicated by blue color. No linking interaction. Unanswered questions: indicated by white color. These do not link, as they have not yet been “unlocked” by answering the question successfully.
EP05	Global Footer	<ul style="list-style-type: none"> No interaction

		<ul style="list-style-type: none">• See Global Footer section
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7.7 Template T6 – Answer Confirmation Pop Up

General

- The **T6** template is an overlay confirmation pop up that communicates to the user whether or not they answered the multiple choice question correctly or incorrectly.
- The template contains the following:
 - Global Callout Home Button
 - Confirmation Pop Up
 - Return to Information Button
 - Try Again Button
 - Global Footer

Design / Layout

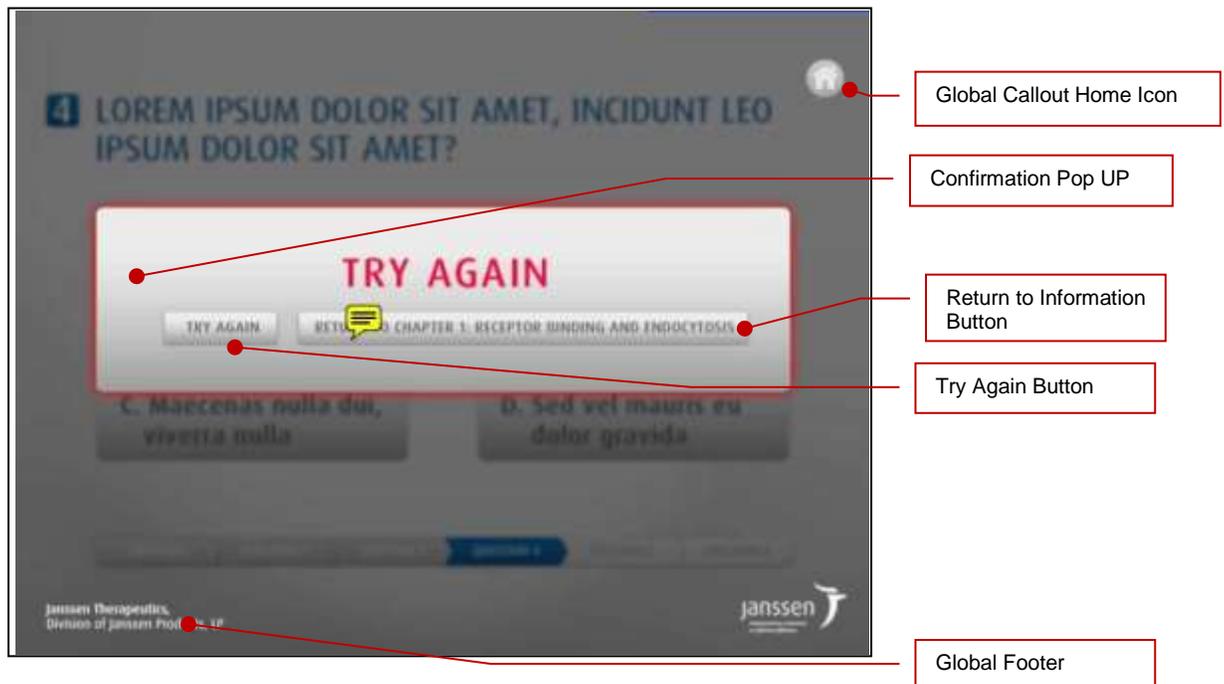


Figure 10: T6 Template

Elements / Behaviors

The following describes the various elements and behavior of the **T3** template:

ID	Element	Behavior
EV01	Global Callout Home Icon	<ul style="list-style-type: none">• See Global Callout section; returns user to home page template
EV02	Confirmation Pop Up	<ul style="list-style-type: none">• When user taps incorrect answer from T5, show (Incorrect / Retry / Return to Info).• When user taps correct answer from T5, advance show (Correct / next question).
EV03	Try Again Button	<ul style="list-style-type: none">• On tap, navigates user back to T5 question template.
EV04	Return to Info Button	<ul style="list-style-type: none">• On tap, navigates user to T3 Details Page.• From the Details page, user will be able to return to this question through a Return to Quiz Button exclusive to this scenario.
EV05	Global Footer	<ul style="list-style-type: none">• No interaction<ul style="list-style-type: none">○ See Global Footer section
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7.8 Template T7 – Results Page

General

- The T7 Results Page Template shows users the following
 - Question
 - Answer to question
 - Number of attempts it took to answer the question correctly.

Scoring

- Use the following rules for scoring:
- User must answer question correctly on first attempt to receive a point. The question is styled as green on this results page.
- When a user answers a question correctly the 2nd, 3rd, or 4th attempt, a user scores 0 points. The question is styled as red on this results page.

Each details page has a corresponding question.

If the user taps the Global Home Icon, all quiz results reset to 0.

If a user taps “Retake Quiz” from the T7 Results template, reset score to 0.

Design / Layout



Figure 11: T7 Template

Elements / Behaviors

The following describes the various elements and behavior of the **T7** template:

ID	Element	Behavior
DD01	Header Text, Overall Score, and Subheading	<ul style="list-style-type: none"> Displays user score. Use the following rules to determine user score: User must answer question correctly on first attempt to receive a point. The question is styled as green on this results page. When a user answers a question correctly the 2nd, 3rd, or 4th attempt, a user scores 0 points. The question is styled as red on this results page.
DD02	Return to Information Icon	<ul style="list-style-type: none"> On tap, user returns to the Details page for the corresponding question.
DD03	Individual Question Results Info	<ul style="list-style-type: none"> Includes question, Answer, and number of attempts it took the user to answer the question correctly. If user answered question correctly the first time, style green. If user answered question correctly after the first time, style red.
DD04	Try Again Button	<ul style="list-style-type: none"> On tap, takes user to question #1 and resets the quiz score to 0.
DD05	Global Footer	<ul style="list-style-type: none"> No interaction

		○ See Global Footer section
DD06	Finish and Print button	<ul style="list-style-type: none">• After all questions are selected and notes added, the user may click this button to print a hardcopy of all the information contained within the “My Discussion Guide” area so that it may be used as tool / aid in a discussion with their doctor.
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8 Clickstream Data Tracking

- Data will be tracked using the 3rd party vendor TBD [Flurry].
- The following illustrations show links that should be tracked using this vendor.
- Within each illustration is a description of the item that is being tracked, and a more detailed explanation for each item to provide context.

Title Page

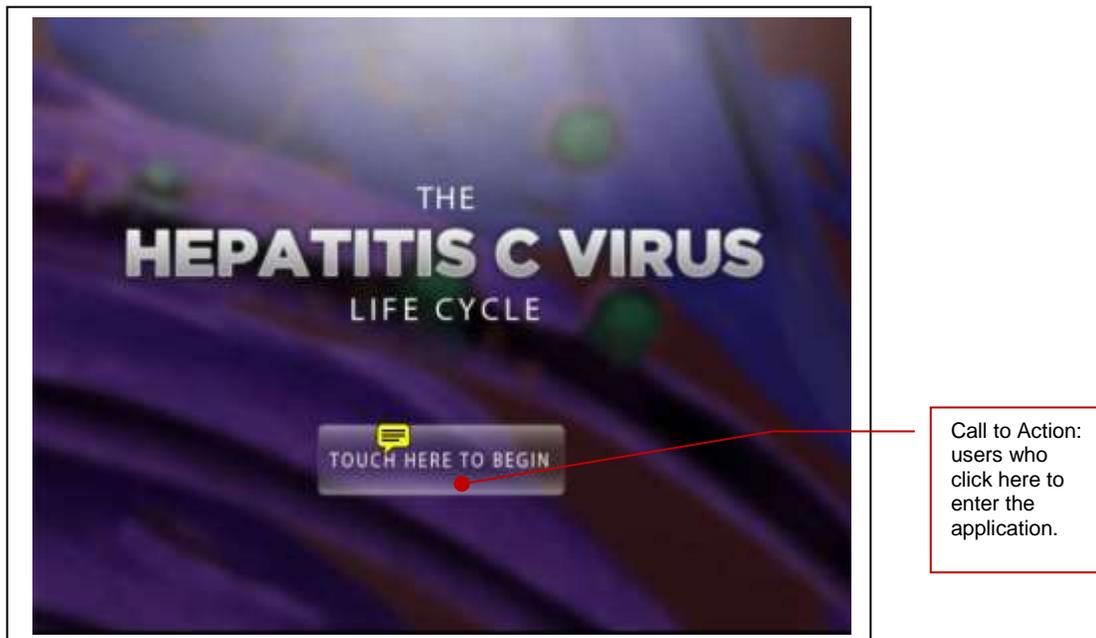


Figure 12: T1 Template – Title Page

Home Page

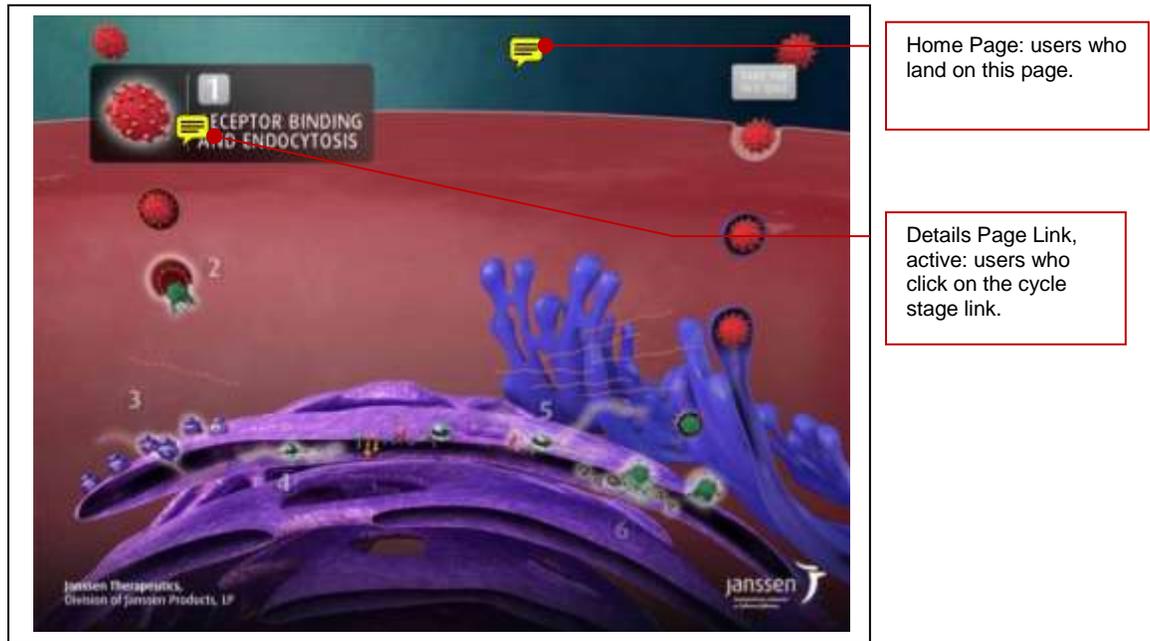


Figure 13: Homepage clickstream tracking points

Details Page

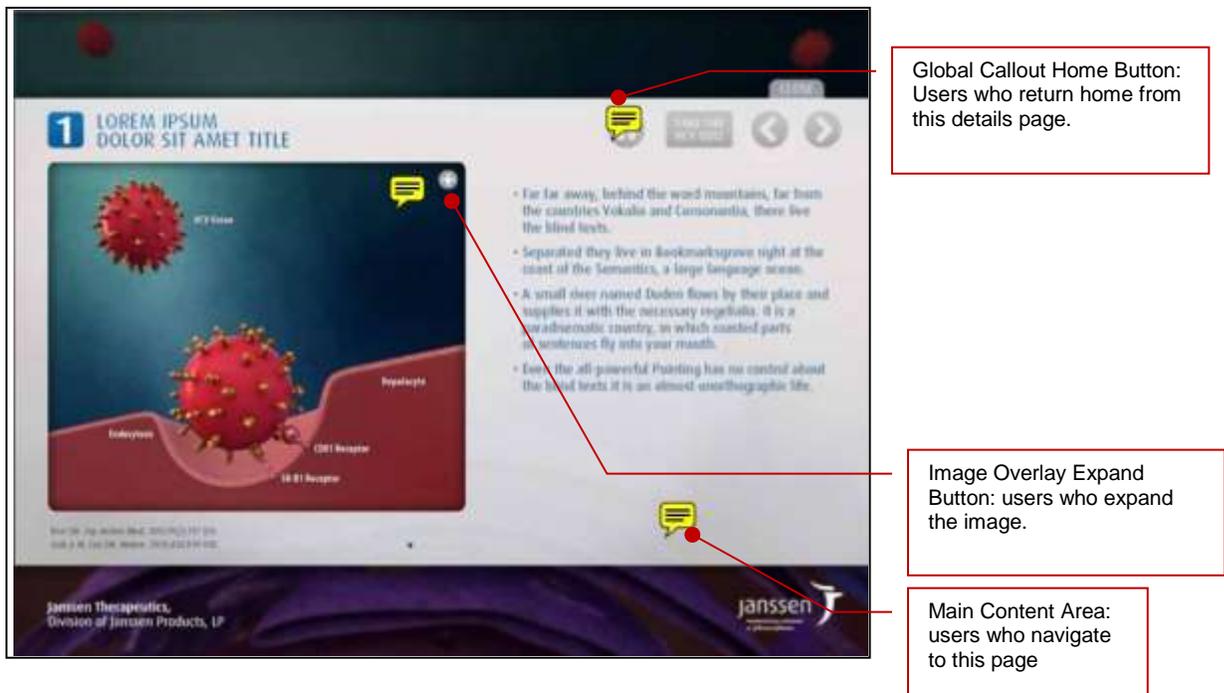


Figure 14: Details Page clickstream tracking points

Question Page

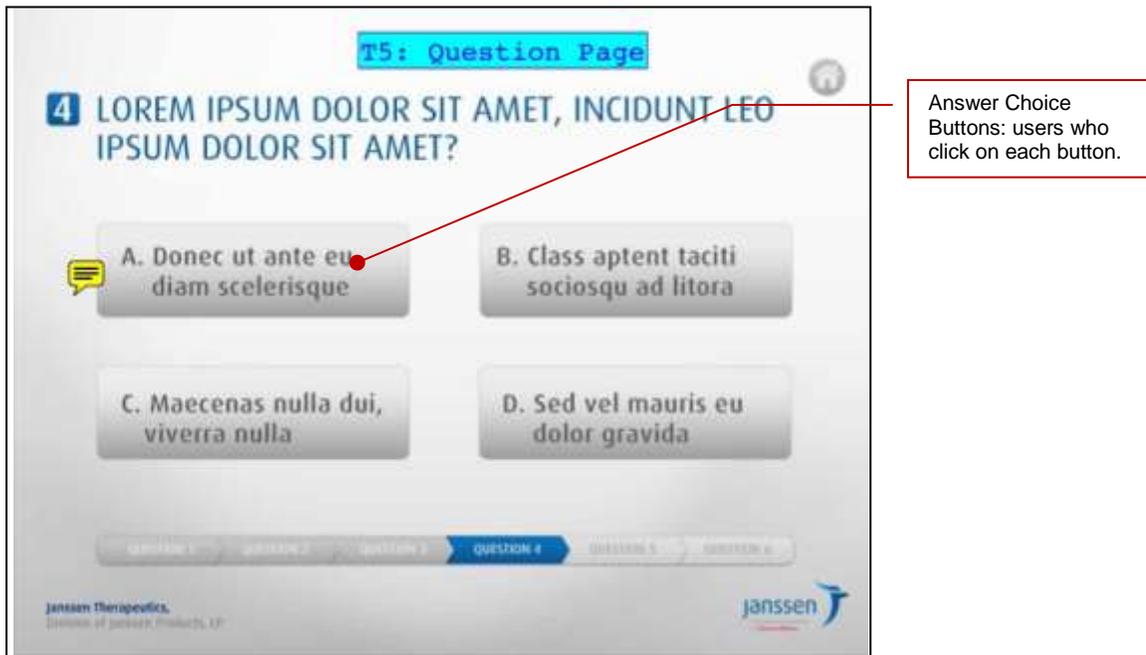


Figure 15: Question Page clickstream tracking points

Question Page Confirmation Overlay

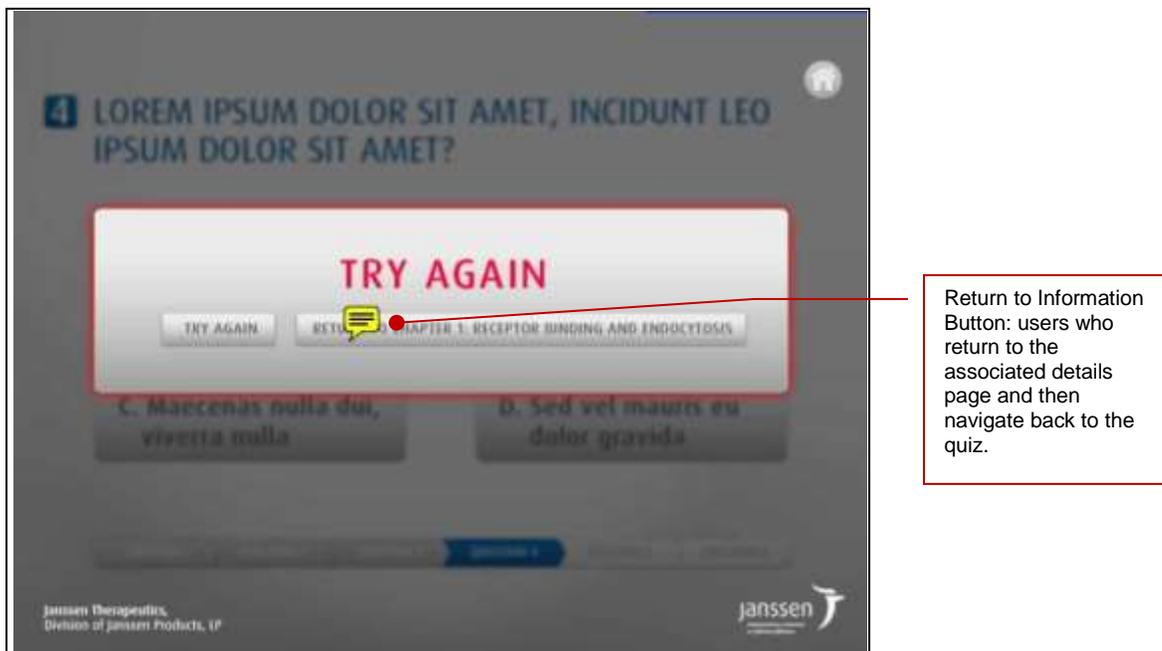


Figure 16: Question Page Confirmation Overlay clickstream tracking points

Results Page

The image shows a quiz results page with the following elements:

- Header:** "CONGRATULATIONS! YOU SCORED 4 OUT OF 6." and "VIEW YOUR QUIZ RESULTS BELOW. TAP THE BOOK ICON TO REVIEW THE QUIZ INFORMATION." A red dot is placed on a book icon in the top right corner.
- Quiz Questions:** Six questions are listed in a 2x3 grid. Questions 1 and 4 are marked with a red 'i' icon, while questions 2, 3, 5, and 6 are marked with a green 'i' icon. Each question includes a title, a subtitle, and a status message (e.g., "YOU ANSWERED SUCCESSFULLY ON YOUR 2ND TRY").
- Buttons:** A "TRY AGAIN" button is located at the bottom center, with a red dot on its left side.
- Logos:** "Janssen Therapeutics" and "janssen" logos are at the bottom.

Two red boxes with arrows point to specific tracking points:

- Page:** A red box on the right side of the page, with an arrow pointing to the top right corner, contains the text: "Page: users who see the quiz through to completion."
- Try Again Button:** A red box on the right side of the page, with an arrow pointing to the "TRY AGAIN" button, contains the text: "Try Again Button: users who attempt the quiz again."

Figure 17: Results Page clickstream tracking points