Break The Earth Web Quest

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CST-452 Requirement Completion Status

Grand Canyon University

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**Requirements Completion Status**

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| **Requirement** | **Outcome** | **Justification** |
| **Site HTML Design** | | |
| BWQ-7  As the client, I want a “Main Page” with band information so that fans have a place to learn about the band. | Met |  |
| BWQ-70  As the client, I want the default page to be the “Main Page” so that there is a common landing point. | Met |  |
| BWQ-41  As the client, I want the “Main Page” to be split into different subsections of information so that there is a distinct order to the web application | Met |  |
| BWQ-34  As the developer, I want the “Main Page” to use Thymeleaf for templating so that the different sections of the main page can be dynamically updated separate from one another. | Met |  |
| BWQ-71  As the client, I want a common navigation menu that will be at the top of all pages so the user can navigate to all sections of the web application. | Met |  |
| BWQ-72  As the client, I want a common footer that will provide basic information about the web application so that information will be available on all pages. | Met |  |
| BWQ-35  As the client, I want a photo of the band at the top of the “Main Page” so that users will identify with the band members. | Met |  |
| BWQ-73  As the client, I want the web application to use a responsive design so that it can be viewed on all available platforms. | Met |  |
| BWQ-12  As the user, I want a “Contact Us” form so that I can reach out to the band with questions and information. | Met |  |
| BWQ-14  As the client, I want a “About Us” biography page so that I can share the band’s story with users | Met |  |
| BWQ-128  As the client, I want a login link so that registered users can log into the page. | Met |  |
| BWQ-129  As the client, I want the header to update when a user is logged in so that they can access controlled functions. | Met |  |
| **Book The Band** | | |
| BWQ-15  As the client, I want a page for booking the band so that industry professionals can book the band for a show. | Met |  |
| BWQ-74  As the client, I want to be notified by email when a booking request is made so that the band can respond quickly | Met |  |
| BWQ-75  As the user, I want a form I can fill to book the band so I can get them to perform a show. | Met |  |
| BWQ-76  As the developer, I want the form to use data validation, so the application remains secure. | Met |  |
| BWQ-77  As the user I want a response email for booking so I know the request was received. | Met |  |
| **Video and Streaming** | | |
| BWQ-21  As the client, I want a videos section of the application so that users can enjoy videos of the band playing music. | Met |  |
| BWQ-78  As the developer, I want to design a Thymeleaf fragment containing band videos so that I can update it dynamically on the main page. | **Not Met** | The band currently has one video that they want displayed. With only one video, coding this part as dynamic made it a very low priority. This option was moved to the ‘Future Improvements’ area as the team ran out of time. |
| **Upcoming Events** | | |
| BWQ-58  As the client, I want an upcoming events section of the application so that users can see a calendar of band related events. | Met |  |
| BWQ-79  As the developer, I want to design a Thymeleaf fragment containing band events so that I can update it dynamically on the main page. | Met |  |
| **Now Available** | | |
| BWQ-18  As the client, I want to provide links to the band’s music on Kunaki so can purchase available music | Met |  |
| BWQ-20  As the client, I want to provide links to the band’s music on Spotify/Apple Music so users can follow them and listen. | Met |  |
| BWQ-22  As the developer, I want to design a Thymeleaf fragment containing now available information so that I can update it dynamically on the main page. | Met |  |
| BWQ-80  As the client, I want to display the most recent album details so that users are aware of what is available. | Met |  |
| BWQ-81  As the client, I want to provide links to the band’s music on Bandcamp so users can follow them and listen. | Met |  |
| **Working On** | | |
| BWQ-17  As the client, I want to display what the band is working on so users can anticipate future releases. | Met |  |
| BWQ-82  As the developer, I want each individual project to collapse and expand details, so the main page stays minimal. | Met |  |
| BWQ-83  As the client I want a description of the project so users can understand the details. | Met |  |
| BWQ-84  As the client I want to show a progress bar indicating work completed so users can follow completion. | Met |  |
| BWQ-85  As the developer, I want to design a Thymeleaf fragment containing what the band is working on so that I can update it dynamically on the main page. | Met |  |
| **Merchandise** | | |
| BWQ-19  As a user I would like the Merchandise section to have a grid with clickable images of products so that I can be taken to the band's online store and see what products I can purchase | Met |  |
| BWQ-60  As a user I would like the Merchandise section to have a button that will direct me to the Break the Earth Teespring store at <https://break-the-earth.creator-spring.com/> so that I can purchase items | **Not Met** | This was replaced by BWQ-19. The decision was made not to code a button since the merchandise images were already clickable. |
| **Sign Up** | | |
| BWQ-23  As a user I would like a place where I can enter my email address so that I can Sign Up to receive notifications | **Not Met** | A Sign-Up and Unsubscribe feature was not a critical component for the website to function. This option was moved to the ‘Future Improvements’ area as the team ran out of time. |
| BWQ-61  As a developer I would like the Sign-Up button to save the user’s email to the database so they can receive notifications | **Not Met** | A Sign-Up and Unsubscribe feature was not a critical component for the website to function. This option was moved to the ‘Future Improvements’ area as the team ran out of time. |
| BWQ-62  As a developer I want to notify the signed-up users of an event via email two days before the event | **Not Met** | A Sign-Up and Unsubscribe feature was not a critical component for the website to function. This option was moved to the ‘Future Improvements’ area as the team ran out of time. |
| **Unsubscribe** | | |
| BWQ-64  As a developer, I would like the notification email sent to users to have a link to unsubscribe, so they don’t receive notifications | **Not Met** | A Sign-Up and Unsubscribe feature was not a critical component for the website to function. This option was moved to the ‘Future Improvements’ area as the team ran out of time. |
| BWQ-65  As a developer I want the user directed to an unsubscribe landing page with a farewell message when they click unsubscribe so they can start the unsubscribe process | **Not Met** | A Sign-Up and Unsubscribe feature was not a critical component for the website to function. This option was moved to the ‘Future Improvements’ area as the team ran out of time. |
| BWQ-66  As a developer, I want the unsubscribe landing page to have an unsubscribe button so the user can unsubscribe | **Not Met** | A Sign-Up and Unsubscribe feature was not a critical component for the website to function. This option was moved to the ‘Future Improvements’ area as the team ran out of time. |
| BWQ-67  As a developer I want the user’s email address removed from the database when they click the unsubscribe button, so they don’t receive notifications | **Not Met** | A Sign-Up and Unsubscribe feature was not a critical component for the website to function. This option was moved to the ‘Future Improvements’ area as the team ran out of time. |
| BWQ-68  As a developer, I would like the user to receive a success message when the unsubscribe is successful | **Not Met** | A Sign-Up and Unsubscribe feature was not a critical component for the website to function. This option was moved to the ‘Future Improvements’ area as the team ran out of time. |
| **BWQ-51 Database** | | |
| BWQ-86  As a developer, I would like a user table so user data can be persisted in the database. | Met |  |
| BWQ-87  As a developer, I would like a login table so user login can be tracked | **Not Met** | During continued discussion with the band, it was identified that tracking when a user logs in and out is not a critical component for the website to function. This option was moved to the ‘Future Improvements’ area as the team ran out of time. |
| BWQ-88  As a developer, I would like a logout table so user logout can be tracked | **Not Met** | During continued discussion with the band, it was identified that tracking when a user logs in and out is not a critical component for the website to function. This option was moved to the ‘Future Improvements’ area as the team ran out of time. |
| BWQ-89  As a developer, I would like an album table so album details can be persisted in the database | Met |  |
| BWQ-90  As a developer, I would like a track table so track details can be persisted in the database | Met |  |
| BWQ-91  As a developer, I would like a progress table so track progress details can be persisted in the database | Met |  |
| BWQ-92  As a developer, I would like an event table so event details can be persisted in the database | Met |  |
| BWQ-93  As a developer, I would like a venue table so venue details can be persisted in the database | Met |  |
| BWQ-94  As a developer, I would like a booking request table so booking request details can be persisted in the database | Met |  |
| BWQ-95  As a developer, I would like a contact request table so contact request details can be persisted in the database | Met |  |
| BWQ-96  As a developer, I would like a message table so booking and contact request message details can be persisted in the database | Met |  |
| BWQ-97  As a developer, I would like an image table so website images can be persisted in the database | Met |  |
| **BWQ-50 Administration** | | |
| BWQ-24  As an user I would like a place to login to the website so I can manage administrative tasks | Met |  |
| BWQ-25  As an user, I would like to land on an admin homepage with different administrative tasks so I can select which task to manage | Met |  |
| BWQ-29  As a developer I would like the administrative pages to be secure so only authorized users can access them. | Met |  |
| BWQ-130  As an Editor user I would like to see currently registered users on a table so I can see how many users are registered | Met |  |
| BWQ-131  As an Editor user I want the ability to edit my own user profile so I can change the way my name appears on the table | Met |  |
| BWQ-132  As an Editor user I want the name change to require my password so only I can change it | Met |  |
| BWQ-133  As an Editor user I would like the ability to change my password so that I can keep the administration pages secure | Met |  |
| BWQ-134  As an Editor user I would like the password change to require my old password so only I can change it. | Met |  |
| BWQ-135  As an Admin user I would like the ability to register new users so I can have multiple users help with website management | Met |  |
| BWQ-136  As an Admin user I would like the ability to delete users so I can keep users from accessing administrative pages when they are offboarded from the website | Met |  |
| **BWQ-26 Progress Management** | | |
| BWQ-98  As a user, I would like to upload images on the progress management page so that new material can have associated cover art for display on the homepage | **Not Met** | This feature requires a storage server such as Amazon S-3 storage as Heroku, and other cloud providers do not allow access to their file systems for uploads of this type. The team is currently awaiting a decision from the band as to which storage provider they want to use. The option was implemented and working locally but was moved to the ‘Future Improvements’ area as the team awaits information on future application deployment. |
| BWQ-99  As a user I would like a place to enter the new album name so the name can be displayed on the homepage | Met |  |
| BWQ-100  As a user I would like a place to enter the names of the tracks of a new album so they can be displayed on the homepage | Met |  |
| BWQ-101  As a user I would like the ability to check off a box for individual instruments so that I can report which instruments have been recorded | Met |  |
| BWQ-102  As a user I would like each checked off instrument to add to a progress bar associated with the track so that its recording progress can be tracked | Met |  |
| BWQ-103  As a user I would like the progress bars for all tracks to add to an album progress bar so the recording progress of the whole album can be tracked | Met |  |
| BWQ-104  As a user I would like the ability to check off a ‘Mixed’ box so that I can indicate if the album has been mixed. | Met |  |
| BWQ-105  As a user I would like the ‘Mixed’ checkbox to add to the album’s progress bar | Met |  |
| BWQ-106  As a user I would like the ability to check off a ‘Mastered’ box to indicate if the album has been mastered. | Met |  |
| BWQ-107  As a user I would like the ‘Mastered’ checkbox to add to the album’s progress bar | Met |  |
| BWQ-108  As a user I would like the ability to save changes I have made to an album in progress, so that the information can be persisted and displayed on the homepage. | Met |  |
| BWQ-109  As a user I would like the ability to delete tracks on the progress management page so that I can change the number of tracks on the album in progress | Met |  |
| BWQ-110  As a user I would like the ability to add new tracks to the album in progress so that I can change the number of tracks on the album in progress | Met |  |
| **Event Management** | | |
| BWQ-111  As a user I would like to see currently booked events on a table so I can manage the events | Met |  |
| BWQ-112  As a user I would like the ability to create a new event so I can display it on the homepage | Met |  |
| BWQ-113  As a user I would like the whole event row clickable so I can edit the event details when I click on it. | Met |  |
| BWQ-114  As a user I would like the event details to appear as a modal so I can edit the details | Met |  |
| BWQ-115  As a user I would like the event edit modal to have a save button so I can persist the event details. | Met |  |
| BWQ-116  As a user I would like the new event details to appear as a modal so I can enter the event details. | Met |  |
| BWQ-117  As a user I would like the new event modal to have a save button so I can persist the event details. | Met |  |
| BWQ-118  As a user I would like the events on the event management table to appear on the homepage. | Met |  |
| **Booking Management** | | |
| BWQ-119  As a user I would like booking requests to appear on a table so that I can manage them. | Met |  |
| BWQ-120  As a user I would like the whole table row to be clickable so I can see the details of the booking request including the whole message. | Met |  |
| BWQ-121  As a user I would like the booking request details to appear as a modal so that I can view the request | Met |  |
| BWQ-122  As a user I would like the message viewer modal to have a reply button so I can reply to the request | Met |  |
| BWQ-123  As a user I would like a reply to modal to appear so I can send a reply to the sender | Met |  |
| BWQ-124  As a user I would like reply to modal to have a send button so I can send the reply message | Met |  |
| BWQ-125  As a user I would like the reply to checkbox to become checked when I send a reply message, so I know which messages I have replied to. | Met |  |
| BWQ-126  As a user I would like the ability to delete booking requests, so I don’t see them when I don’t need them anymore | Met |  |
| **BWQ-138 Contact Us Management** | | |
| BWQ-139  As a user I would like contact requests to appear on a table so that I can manage them. | Met |  |
| BWQ-140  As a user I would like the table cell to be clickable so I can see the details of the contact request including the whole message. | Met |  |
| BWQ-141  As a user I would like the contact request details to appear as a modal so that I can view the request | Met |  |
| BWQ-142  As a user I would like the message viewer modal to have a reply button so I can reply to the request | Met |  |
| BWQ-143  As a user I would like a reply to modal to appear so I can send a reply to the sender | Met |  |
| BWQ-144  As a user I would like reply to modal to have a send button so I can send the reply message | Met |  |
| BWQ-145  As a user I would like the reply checkbox to become checked when I send a reply message so I know which messages I have replied to. | Met |  |
| BWQ-146  As a user I would like the ability to delete contact requests, so I don’t see them when I don’t need them anymore | Met |  |

**Planned Improvements**

While the development team and the client are both pleased with the final product that was created during the allotted time frame of the class, there is always room for improvement. Included in tables below are the small features that were not added during this initial development cycle and the list of bugs that will be pursued later. Along with these previously identified features the team will discuss some of the following features with the client for a possible future release:

* Reworked color scheme for administration menus.
* Reworked administration menu system with always available controls on the left versus returning to a main menu.
* Gallery page with photos from previous events.
* Blog section with news, stories, updates from the band.
* Embedded links within the ‘Events’ table to venue specific websites for additional information.

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| **Requirement** | **User Story** |
| BWQ-78 | As the developer, I want to design a Thymeleaf fragment containing band videos so that I can update it dynamically on the main page. |
| BWQ-60 | As a user I would like the Merchandise section to have a button that will direct me to the Break the Earth Teespring store at https://break-the-earth.creator-spring.com/ so that I can purchase items |
| BWQ-23 | As a user I would like a place where I can enter my email address so that I can Sign Up to receive notifications |
| BWQ-61 | As a developer I would like the Sign-Up button to save the user’s email to the database so they can receive notifications |
| BWQ-62 | As a developer I want to notify the signed-up users of an event via email two days before the event |
| BWQ-64 | As a developer, I would like the notification email sent to users to have a link to unsubscribe so they don’t receive notifications |
| BWQ-65 | As a developer I want the user directed to an unsubscribe landing page with a farewell message when they click unsubscribe so they can start the unsubscribe process |
| BWQ-66 | As a developer, I want the unsubscribe landing page to have an unsubscribe button so the user can unsubscribe |
| BWQ-67 | As a developer I want the user’s email address removed from the database when they click the unsubscribe button, so they don’t receive notifications |
| BWQ-68 | As a developer, I would like the user to receive a success message when the unsubscribe is successful |
| BWQ-87 | As a developer, I would like a login table so user login can be tracked |
| BWQ-88 | As a developer, I would like a logout table so user logout can be tracked |

**Known Bugs**

|  |  |
| --- | --- |
| **Requirement** | **User Story** |
| BWQ-137 | Contact Us Management - As a user I need the correct data populated in the Subject line of the Reply Modal |
| BWQ-147 | Booking Management - As a user I need the correct data populated in the Subject line of the Reply modal |