



WNYE

Ticket Purchase System

Information Architecture Documentation

First Draft

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1. Show Selection Module

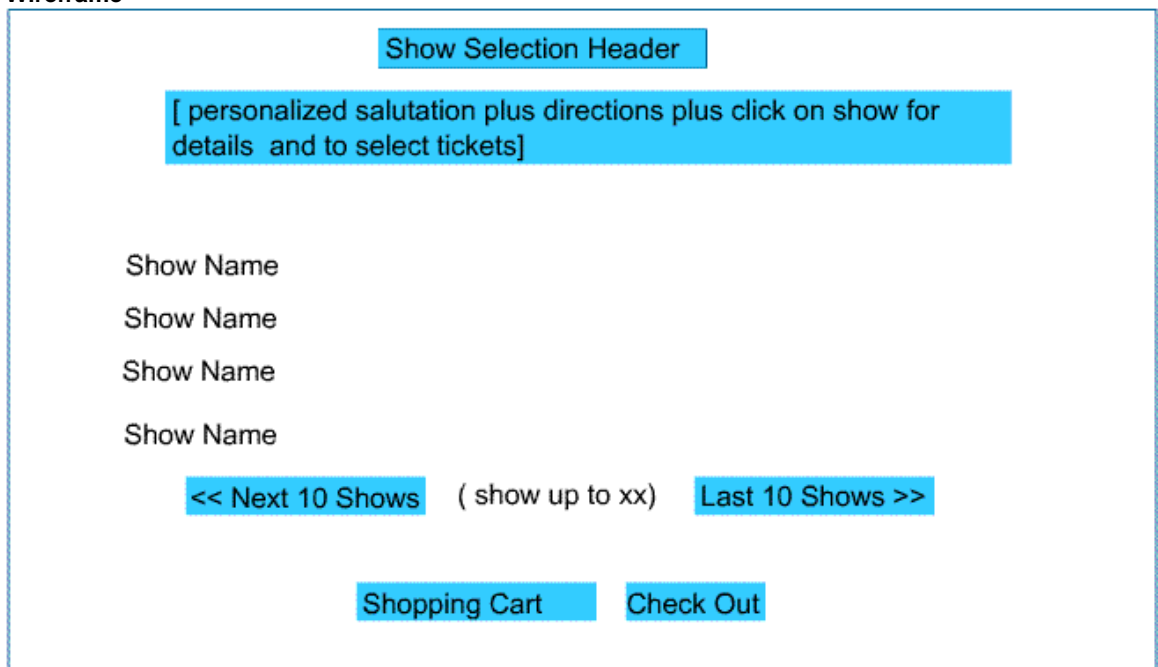
1.1. Overview

The Show Selection Module presents a list of shows having available ticket inventory.

Users cannot access this page unless a cookie containing their wnye user id is found on the client machine. If the cookie is not found, they are routed to the extant WNYE user registration module.

Shows will be listed in alphabetical order. When a user first enters the page, the "show list" will display the first xx shows sorted alphabetically. Each item in the list will display the show name, venue, and performance date range. Each item in the show list will provide a link to the Ticket Selection Module (see 2) where the user will be able to select a show date and seating assignment if the venue provides that option.

1.2. Wireframe



1.3. Element

1.3.1. Show Selection Header

Headline Text for this module.

1.3.1.1. Data Format / Attributes: Plain Text

1.3.1.2. Dynamic Behavior: None

1.3.1.3. Database Requirements: None

1.3.2. Show Selection Directions

Text explaining first step in ticket selection process

1.3.2.1. Data Format/Attributes Plain Text

1.3.2.2. Dynamic Behavior None

1.3.2.3. Database Requirements None

1.3.3. Show List

The Show List consists of a list of up to xx shows selected from the database in alphabetical order.

1.3.3.1. Data Format/Attributes

Plain text embedded in anchor tags consisting of reference to Select Tickets module and a Show ID number.

1.3.3.2. Dynamic Behavior

When user clicks on a show name, they are routed to the Select Tickets module which uses the Show Id number passed in the URL's query string to reference the ticket inventory for the selected show.

1.3.3.3. Database Requirements

This page will first execute a database query requesting a list of all shows with available ticket inventory AND within the current display range sorted alphabetically. For example, when a user first enters the page the database will return the first xx show records in alphabetical order. Based on the retrieved records, the show list will be dynamically generated inserting rows into a table displaying show names in succeeding rows. Anchor tag wrappers for these show names will also be dynamically generated containing a reference to the Select Tickets module and the show's id number.

1.3.4. Ticket System Navigation

1.3.4.1. Next xx Shows Link

Link that triggers user request to show the next xx shows in alphabetical order

1.3.4.1.1. Data Format/Attributes

Plain text or Graphic TBD. Entity will be wrapped in anchor tag referencing the current page with a query string variable indicating the starting record for the next show list to display

1.3.4.1.2. Dynamic Behavior

When user clicks on link, the Select Shows page will be refreshed with the next xx shows listed in alphabetical order.

1.3.4.1.3. Database Requirements: NONE

1.3.4.2. Last xx Shows Link

Link that triggers user request to show the last xx shows in alphabetical order

1.3.4.2.1. Data Format/Attributes

Plain text or Graphic TBD. Entity will be wrapped in anchor tag referencing the current page with a query string variable indicating the starting record for the next show list to display.

1.3.4.2.2. Dynamic Behavior

When user clicks on link, the Select Shows page will be refreshed with the last xx shows listed in alphabetical order.

1.3.4.2.3. Database Requirements: NONE

1.3.4.3. Shopping Cart Link

Link that routes user to Shopping Cart module.

1.3.4.3.1. Data Format/Attributes

Plain text or Graphic TBD. Entity will be wrapped in anchor tag referencing the Shopping Cart Module. This tag will also embed an id for referencing the user's current inventory of selections.

1.3.4.3.2. Dynamic Behavior

When user clicks on link, the user is transferred to the Shopping Cart Module where they can view the current contents of their shopping cart.

1.3.4.3.3. Database Requirements: TBD

1.3.4.4. Check Out Link

Link that routes user to Check Out Module

1.3.4.4.1. Data Format/Attributes

Plain text or Graphic TBD. Entity will be wrapped in anchor tag referencing the Check Out Module. This tag will also embed an id for referencing the user's current inventory of selections.

1.3.4.4.2. Dynamic Behavior

When user clicks on image, the user is transferred to the Check Out Module where they can view the current contents of their shopping cart and submit their order

1.3.4.4.3. Database Requirements: TBD

2. Ticket Selection Module

2.1. Overview

The Ticket Selection Module presents an inventory of available tickets for a show selected by the user from the Show Selection Module (see 1). The inventory is presented in up to two possible categories:

- 1) a general admission list that presents a list of items consisting of show date, the number of general admission seats available for that show date/time, and a text entry box allowing the user to enter the number of general admission tickets they would like to purchase.
- 2) a reserved seating list that presents a list of show dates, seat/section identifiers, and a checkbox that the user may toggle to indicate selection of that particular reserved seat.

All data content with the exception of the navigation buttons and the module header will be retrieved from the database based on the show id passed in the query string of the page request.

2.2. Wireframe

Ticket Selection Header

[Show Title]

[Show Description]

[[Venue Information]

General Admission Header

	Buy Date	Seats Available
<input type="checkbox"/>	07/13/03	15
<input type="checkbox"/>	07/15/03	12

<< Next xx Dates Last xx Dates >>

Reserved Seats Header

	Buy Date	Section	Seat	Price
<input type="checkbox"/>	07/13/03	Balcony	22C	100.00
<input type="checkbox"/>	07/14/03	Mezz.	4D	100.00

(show up to ??)

<< Last 10 Tickets Last 10 Tickets >>

[Select Show](#) [View Shopping Cart](#) [Check Out](#)

2.3. Element

2.3.1. Ticket Selection Header

Header text for this section.

- | | |
|------------------------------------|------------|
| 2.3.1.1. Data Format / Attributes: | Plain Text |
| 2.3.1.2. Dynamic Behavior: | None |
| 2.3.1.3. Database Requirements: | None |

2.3.2. Show Title

Title of Show Selected by User

- | | |
|---------------------------------|------------|
| 2.3.2.1. Data Format/Attributes | Plain Text |
|---------------------------------|------------|

- 2.3.2.2. Dynamic Behavior None
- 2.3.2.3. Database Requirements None

2.3.3. Show Description

Brief description of show

- 2.3.3.1. Data Format/Attributes Plain Text
- 2.3.3.2. Dynamic Behavior None
- 2.3.3.3. Database Requirements

This data will be retrieved from the database record field allocated for show descriptions

2.3.4. Venue Information

Description of venue consisting of venue address, phone number, email address (TBD)

- 2.3.4.1. Data Format/Attributes Plain Text
- 2.3.4.2. Dynamic Behavior None

2.3.4.3. Database Requirements

This data will be retrieved from the database from the field in the record of the venue associated with this show allocated for venue description. May in practice be a text block composited from separate information fields in venue record (TBD)

2.3.5. General Admission List

A list of performances of the show listed in date order for which general admission seating is available. The list will consist of xx of these ticket sets. The user can scroll through the list using the associated navigation links described below.

2.3.5.1. General Admission List Header

Title for General Admission List Section of Page

- 2.3.5.1.1. Data Format/Attributes Plain text or graphic TBD at design time

- 2.3.5.1.2. Dynamic Behavior NONE

- 2.3.5.1.3. Database Requirements NONE

2.3.5.2. General Admission List Sub-Header

Describes the fields in the list of general admission ticket sets displayed for the current show. These fields are: 1) Buy – header for column presenting text boxes where user can enter the quantity of general admission tickets they wish to purchase for a particular performance 2) Date/Time of Performance 3) Quantity of general admission tickets available for a particular performance 4) Price of an individual ticket.

- 2.3.5.2.1. Data Format/Attributes Plain text or graphic TBD at design time

- 2.3.5.2.2. Dynamic Behavior NONE

- 2.3.5.2.3. Database Requirements NONE

2.3.5.3. General Admission Ticket List

A list of general admission data sets. Each item in the list consists of the following:
 1) a text field where user can enter quantity of general admission tickets they wish to purchase for a particular performance
 2) the date/time of a particular performance
 3) the quantity of general admission tickets currently available for a particular performance

- 2.3.5.3.1. Data Format/Attributes An text form field followed by a plain text string

- 2.3.5.3.2. Dynamic Behavior:
The value stored in the text form field will be transmitted to a data repository created for this user session.
- 2.3.5.3.3. Database Requirements:
Each item in the general admission ticket list is formulated based on data retrieved from the database. Relevant data fields are combined to generate a text description and the associated text form field is dynamically named so that user input can later be correlated with general admission tickets associated with a particular show performance.

2.3.5.4. Next XX Dates Link

Link allowing the user to see the next xx sets of general admission tickets for show performances listed in ascending date order.

- 2.3.5.4.1. Data Format/Attributes
Plain text or Graphic TBD. Entity will be wrapped in anchor tag referencing the current page with a query string variable indicating the starting record for the next section of general admission ticket sets to display in date order
- 2.3.5.4.2. Dynamic Behavior
When user clicks on link, Select Tickets page will be refreshed with the next xx general admission tickets sets listed in date order
- 2.3.5.4.3. Database Requirements: NONE.

2.3.5.5. Last XX Dates Link

Link allowing the user to see the last xx sets of general admission tickets for show performances listed in ascending date order.

- 2.3.5.5.1. Data Format/Attributes
Plain text or Graphic TBD. Entity will be wrapped in anchor tag referencing the current page with a query string variable indicating the starting record for the last section of general admission ticket sets to display in date order
- 2.3.5.5.2. Dynamic Behavior
When user clicks on link, Select Tickets page will be refreshed with the last xx general admission tickets sets listed in date order.
- 2.3.5.5.3. Database Requirements: NONE

2.3.6. Reserved Seating List

A list of performances and seat assignments for the show listed in date order for which reserved admission seating is available. The list will consist of xx of these individual seat assignments. The user can scroll through the list using the associated navigation links described below.

2.3.6.1. Reserved Seating List Header

Title for Reserved Seating List Section of Page

- 2.3.6.1.1. Data Format/Attributes
Plain text or graphic TBD at design time

2.3.6.1.2. Dynamic Behavior NONE

2.3.6.1.3. Database Requirements NONE

2.3.6.2. Reserved Seating List Sub-Header

Describes the fields in the reserved seating list. These are:

Buy: indicates location of form checkbox user can toggle to select or deselect a particular reserved seat for a particular performance

Date: date of show performance

Section: section of venue where seat is located

Seat: seat number

2.3.6.2.1. Data Format/Attributes
Plain text or graphic TBD at design time

2.3.6.2.2. Dynamic Behavior NONE

2.3.6.2.3. Database Requirements NONE

2.3.6.3. Reserved Seating Ticket List

A list of reserved seat assignments for various performances of the selected show.

Each item in the list consists of the following:

- 1) a checkbox enabling user to select/de-select a seat for a particular performance of the selected show
- 2) the date/time of a particular performance
- 3) the venue section and seat identifier
- 4) the ticket price

2.3.6.3.1. Data Format/Attributes
A checkbox form field followed by a plain text string

2.3.6.3.2. Dynamic Behavior:
Values associated with each selected checkbox will be transmitted to a data repository specific to this user session..

2.3.6.3.3. Database Requirements:
Each item in the reserved seating ticket list is formulated based on data retrieved from the database. Relevant data fields are combined to generate a text description and the associated checkbox form field is dynamically named so that user input can later be correlated with selected ticket.

2.3.6.4. Next XX Tickets Link

Link allowing the user to see the next xx reserved seating tickets in ascending date order.

2.3.6.4.1. Data Format/Attributes
Plain text or Graphic TBD. Entity will be wrapped in anchor tag referencing the current page with a query string variable indicating the starting record for the next group of reserved seating tickets to display in date order

2.3.6.4.2. Dynamic Behavior
When user clicks on link, Select Tickets page will be refreshed with the next xx reserved seating tickets for the current show listed in date order

2.3.6.4.3. Database Requirements: NONE.

2.3.6.5. Last XX Tickets Link

Link allowing the user to see the last xx sets of reserved seating tickets for show performances listed in ascending date order.

2.3.6.5.1. Data Format/Attributes
Plain text or Graphic TBD. Entity will be wrapped in anchor tag referencing the current page with a query string variable indicating the starting record for the last group of reserved seating tickets to display

2.3.6.5.2. Dynamic Behavior
When user clicks on link, Select Tickets page will be refreshed with the last xx reserved seating tickets available for the current show listed in date order.

2.3.6.5.3. Database Requirements: NONE

2.3.7. Ticket System Navigation

2.3.7.1. Shopping Cart Link

Link that routes user to Shopping Cart module.

2.3.7.1.1. Data Format/Attributes

Plain text or Graphic TBD. Entity will be wrapped in anchor tag referencing the Shopping Cart Module. This tag will also embed an id for referencing the user's current inventory of selections.

2.3.7.1.2. Dynamic Behavior

When user clicks on image, the user is transferred to the Shopping Cart Module where they can view the current contents of their shopping cart.

2.3.7.1.3. Database Requirements: TBD

2.3.7.2. Check Out Link

Link that routes user to Check Out Module

2.3.7.2.1. Data Format/Attributes

Plain text or Graphic TBD. Entity will be wrapped in anchor tag referencing the Check Out Module. This tag will also embed an id for referencing the user's current inventory of selections.

2.3.7.2.2. Dynamic Behavior

When user clicks on image, the user is transferred to the Check Out Module

2.3.7.2.3. Database Requirements: TBD

2.3.7.3. Select Shows Link

Link that routes user to Show Selection Module

2.3.7.3.1. Data Format/Attributes

Plain text or Graphic TBD. Entity will be wrapped in anchor tag referencing the Show Selection Module. This tag will also embed an id for referencing the user's current inventory of ticket selections.

2.3.7.3.2. Dynamic Behavior

When user clicks on image, the user is transferred to the Show Selection Module

2.3.7.4. Database Requirements: TBD

3. Shopping Cart Module (in progress)

3.1. Overview

3.2. Wireframe

Shopping Cart Header

[directions]

	Show	Date	Theatre	Section	Seat	Qty	Price
Delete	A Show	07/13/03	Regency	Balcony	22C	1	100.00
Delete	Beautiful Show	08/02/03	Coronet	Gen Adm		2	200.00
Delete	Crazy Stuff	08/17/03	Embassy	Mezz	14D	1	100.00
Delete	Do It Again	07/13/03	Regency	Gen Adm		1	100.00
						Subtotal	600.00

Select ShowsCheck Out

4. Checkout Module (in progress)

4.1. Overview

4.2. Wireframe

Checkout Header						
[directions]						
Show	Date	Theatre	Section	Seat	Qty	Price
A Show	07/13/03	Regency	Balcony	22C	1	100.00
Beautiful Show	08/02/03	Coronet	Gen Adm		2	200.00
Crazy Stuff	08/17/03	Embassy	Mezz	14D	1	100.00
Do It Again	07/13/03	Regency	Gen Adm		1	100.00
Subtotal						600.00
Select Shows		View Shopping Cart				
Submit Order						