Technical Specification

Project: SBA 308: HTML / CSS / JavaScript

Course: Per Scholas – Full Stack Java Development, Cohort 62

Destination: Band Craft	

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GitHub: C:\Users\Wendy\development\2024-RTT-62

Date First Created: June 26, 2024

Date Last Updated: June 28, 2024

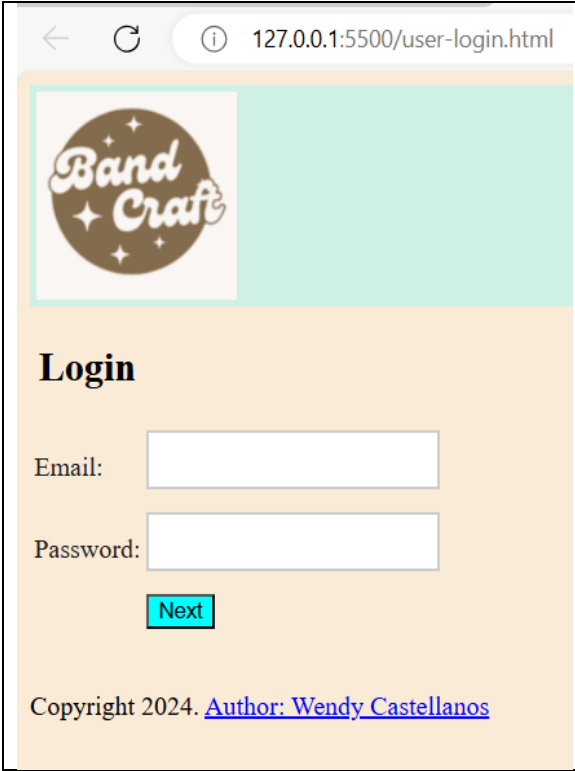**Last Updated By:**   Wendy Castellanos

Summary:

The webpages prepared for this assignment provide a mocked-up front-end for login and member registration, to collect input for *two modules* in **Band Craft** app:

1. User authentication: 2 pages
   - user-create.html
   - user-login.html

2. Registration process for prospective band members: 4 pages
   - reg-member1.html
   - reg-member2.html
   - reg-member3.html
   - reg-member4.html

Module: User Authentication

Description: Allows user to try to log in to register as a member or do other work (later modules).

Element Type	Element Id	Behavior	Validation	Hibernate data type	Comments
Text	email	Receives text	HTML5 Reg ex for email	String	
Password	password	Receives text	Now: none Later: minimum any 4 characters	String	*Later*: add rules; on submit, encrypt, compare with existing encrypted
Button	submitButton	On click, validate; if good, do checks, load reg-member1.html		N/A	

Page: user-create.html

Description: Allows a first-time user to create a login.

Element Type	Element Id	Behavior	Validation	Hibernate data type	Comments
Input; type = text	email	Receives text	Reg ex for email	String	
Input; type = password	password1	Receives text	Later: minimum any 4 characters *Later*: add stronger validation rules	String	on submit & pass validation: encrypt, save
Input; type= password	password2	Receives text	Later: Should match password1. "Check" only if password1 meets the rules.	String	
Button	submitButton	On click, validate; if good, do checks, load reg-member1.html		N/A	

New User

Primary Email:

Password:

Re-enter password:

Next

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Module: Member Registration

Page: reg-member1.html

Description: Allows a first-time user to create a login.

Element Type	Element Id	Behavior	Validation	Hibernate data type	Comments
Input; type = text	firstName	Receives text	Later: minimum 1 character	String	
Input; type = text	lastName	Receives text	Later: minimum 1 character	String	
Input; type = text	nickname	Receives text	Later: minimum 1 character	String	
Input; type = text	email	Receives text	Reg Ex for email	String	
Input; type = text	emailAlt	Receives text	Reg Ex for email	String	
Input; type = text	phone	Receives text	Later: make sure it's a phone number	String	
Input; type = text	phoneAlt	Receives text	Later: make sure it's a phone number	String	
Button	submitButton	On click, validate; if good, do checks, load reg-membe2.html	N/A	N/A	

Page: reg-member2.html   **Table**: member_talents   **Hibernate Entity Class**: MemberTalent
Description: "Part 2" of prospective member data collection

Element Type	Element Id	Behavior	Validation	Hibernate data type	Comments
select	generation	Drop-down, single select	Later: Anything except "Select one"	Enum. generation	required
select	gender	Drop-down, single select	Later: Anything except "Select one"	String	required
Input; type = text	genderComment	Receives text	none	String	optional
Checkbox	speaksSpanish	Default: unchecked	none	Boolean	optional
Checkbox	speaksPortuguese	Default: unchecked	none	Boolean	optional
Checkbox	speaksOther	Default: unchecked	none	Boolean	optional
Input; type = text	speaksOther Comment	Receives text	none	String	optional
Input; type = text	bio	Receives text	none	String	optional
File upload	profilePhoto	Allows user select file to upload; Later: save the relative image path	none	String	optional
Input; type = text	socialMediaUrl	Receives text	none	String	optional
Button	submitButton	On Click: validates; if correct, links to reg-member3.html	N/A	N/A	

Profile: Part 2

Generational saavy is valued.

Birth Generation: [Select one... ▾]

Some locations could be gender-restricted.

Gender: [Select one... ▾]

Gender Comment: [_____]

Can you communicate in languages other than English?

☐ Spanish ☐ Portuguese ☐ Other Language(s)

Comment (optional): [_____]

You are unique!

Tell us about yourself (bio):
[_____]

Upload a photo for your profile
[Choose File] No file chosen

Link to your public-facing social media account
[_____]

[Next]

Page: reg-member3.html   **Table**: member_talents   **Hibernate Entity Class**: MemberTalent

Description: "Part 3" of prospective member data collection pipeline

	Element Type	Element Id	Behavior	Validation	Hibernate data type	Comments	
	Checkbox	keyboard	Default: Unchecked	none	N:M; member: int; talent:int; member-talent: int	optional	
	Checkbox	electricGuitar	Default: Unchecked	none	(same)	optional	
	Checkbox	acousticGuitar	Default: Unchecked	none	(same)	optional	
	Checkbox	bassGuitar	Default: Unchecked	none	(same)	optional	
	Checkbox	drumSet	Default: Unchecked	none	(same)	optional	
	Checkbox	leadVocals	Default: Unchecked	none	(same)	optional	
	Checkbox	harmonyVocals	Default: Unchecked	none	(same)	optional	
	Checkbox	soundSystem	Default: Unchecked	none	(same)	optional	
	Checkbox	roadie	Default: Unchecked	none	(same)	optional	
	Checkbox	setArrangement	Default: Unchecked	none	(same)	optional	
	Button	submitButton	On Click: do nothing for now except link to reg-member4.html	Later: At least one checked talent	N/A		

Profile: Part 3

My favorite talents:

☐ Keyboard
☐ Electric Guitar
☐ Acoustic Guitar
☐ Bass Guitar
☐ Drum Set
☐ Lead Vocals
☐ Harmony Vocals
☐ Sound System (run the soundboard)
☐ Roadie (set-up, tune instruments, etc.)
☐ Musical Set Arrangement (transpose, arrange, etc.)

Next

Module: Member Registration (cont'd)

Page: reg-member4.html   **Table**: member_talents   **Hibernate Entity Class**: MemberTalent

Description: The member data collection pipeline ends here with a section for each "chosen" talent from part 3 to collect more info.

Element Type	Element Id	Behavior	Validation	Hibernate data type	Comments
Checkbox	canImprov	Default: Unchecked		Boolean	optional
Checkbox	readsChordCharts	Default: Unchecked		Boolean	optional
Checkbox	sightReadsThisTalent	Default: Unchecked		Boolean	optional
Checkbox	hasOwnEquipment	Default: Unchecked		Boolean	optional
Checkbox	needsLoanerInstrument	Default: Unchecked		Boolean	optional
Checkbox	hasProcessor	Default: Unchecked		Boolean	optional
Text	processerComments	Receives text		String	optional
Select	key1Preferred	Default: Unchecked		Enum of Strings	optional
Select	key2Preferred	Default: Unchecked		Enum of Strings	optional
Select	key1Harmony	Default: Unchecked		Enum of Strings	optional
Select	key2Harmony	Default: Unchecked		Enum of Strings	optional
Select	key1Avoid	Default: Unchecked		Enum of Strings	optional
Select	key2Avoid	Default: Unchecked		Enum of Strings	optional
Button	submitButton	On click, 1 checked?			

Future screens...