

## Workshop 7 (BTS535-G7)

### Project Charter: D-Spot Ice-Cream Store Web App (Revamping)

#### Part 1: Project Overview:

<b>Project Name</b>	D-Spot Website Redesign		
<b>Project Charter Author</b>	Sukhman Hara, Sean Muniz, Preet Dineshkumar patel, Jivin Chugh, Hoang Phan		
<b>Creation Date</b>	Oct 6, 2024	<b>Last Revision Date</b>	Dec 1, 2024
<b>Project Requestor</b>	Rachit Chaudhary	<b>Project Manager</b>	Sukhman Hara
<b>Project Charter Status</b>	Pending		
<b>Project Sponsor Signature</b>		<b>Date of Project Approval</b>	
<b>Proposed Project Start &amp; End Date</b>	Start: Oct 6, 2024 End: Dec 8, 2024		

#### Part 2: Project Details:

<b>Project Description</b>	<p>The D-Spot Menu redesign project will include the following:</p> <ul style="list-style-type: none"> <li>- Creating an online menu that responds to the screen size of a mobile device.</li> <li>- The menu should display the images and names of deserts.</li> <li>- The menu should allow users to view detailed information about the desert when it is clicked / tapped on. These details should appear in a modal window.</li> <li>- The menu should display reviews and ratings of the dessert.</li> <li>- The menu should allow a filter functionality based on price, size, and category.</li> <li>- Search functionality should be implemented.</li> <li>- The menu should display special promotions, seasonal, and limited-time desserts.</li> <li>- The menu should mark deserts with an exclamation point to indicate that it contains allergens.</li> <li>- A menu that can be easily updated by admins.</li> </ul>
<b>Project Purpose</b>	While the website is functional, the menu does not respond to the size of a mobile device. The current menu requires the user to zoom in which hinders readability. The current menu also does not support

	<p>screen readers. The content within the menu is also non-searchable. Lastly, the current menu is harder to update as you constantly have to re-upload a new image of the menu. This project addresses this issue as the aim is to make a menu that is interactive and responds to the screen of a mobile device.</p>
<b>Project Goals and Outcomes</b>	<p><u>The outcome will be:</u></p> <ul style="list-style-type: none"> <li>- An online menu that responds to the size of a mobile device.</li> <li>- A user-friendly menu that allows for interactivity and readability.</li> <li>- A menu that matches the current design of the website.</li> <li>- A menu that is easy to update from the admins' position.</li> </ul>
<b>Project Scope</b>	<p><u>The scope of the project includes:</u></p> <ul style="list-style-type: none"> <li>• The online menu that readjusts according to the device (ie. Mobile)</li> <li>• The menu will show names and images of different items</li> <li>• Modal window which will provide detailed information about the desert when clicked</li> <li>• Will display ratings and reviews</li> <li>• Filter functionality based on price, size, and category will be implemented</li> <li>• Special promotions like seasonal and limited-time desserts will be offered</li> <li>• Special characters like (Exclamation marks) will be added to the desserts that contain allergens.</li> </ul> <p><u>Out of Scope</u></p> <ul style="list-style-type: none"> <li>• Integration with external review sites. For example, Yelp, google reviews, etc.</li> <li>• There will be no shopping cart, ordering, or payment processing included in this project</li> <li>• Inventory management: Real-time inventory tracking is not included in this project</li> </ul>
<b>Project Deliverables</b>	<p>The main deliverable will be a menu that can be merged into the current website.</p>
<b>Benefits</b>	<p>The redesigned website will include:</p> <ul style="list-style-type: none"> <li>• Enhanced User Experience: A responsive, device-friendly menu will allow users to seamlessly access the website on a mobile. tablet, or desktop improving engagement.</li> <li>• Increased Customer Engagement: Detailed modal windows and visually appealing item images will provide an immersive experience.</li> <li>• Better Navigation and Discoverability: Filter functionality will allow customers to navigate more easily and customers will be able to quickly find items based on price, size, or category.</li> <li>• Promotion on Special Offers: Seasonal and limited-time promotions can help boost sales for specific items</li> <li>• Increased Awareness of Allergen Safety: Special indicators will</li> </ul>

	provide customers with critical health information, building trust with customers.
<b>Stakeholders</b>	<ul style="list-style-type: none"> <li>• D Spot Dessert Café owners</li> <li>• Franchise owners</li> <li>• Customers</li> <li>• Company Management</li> <li>• Marketing &amp; Operation Teams</li> </ul>
<b>Project Team</b>	<ul style="list-style-type: none"> <li>• Preet Dineshkumar patel</li> <li>• Sean Muniz</li> <li>• Sukhman Hara</li> <li>• Jivin Chugh</li> <li>• Hoang Phan</li> </ul>
<b>Key Dependencies</b>	<ol style="list-style-type: none"> <li>1. Current D-Spot Web-App &amp; its Architecture.</li> <li>2. Third-party tools used during development.</li> </ol>

<b>Communication Plan</b>	<b>When</b>	<b>What</b>	<b>Who</b>
	Sept 27, 2024	SWOT analysis and researching problem areas.	Hoang, Jivin, Preet, Sukhman, Sean
	Oct 6, 2024	Proposing a Solution to problems.	
	Oct 11, 2024	Listing Technologies required by the solution.	
	Nov 1, 2024	Share development progress and address any changes to the project plan.	
<b>Project Timeline</b>	<b>When</b>	<b>What</b>	<b>Who</b>
	Sept 27, 2024	Project Kickoff - First Meeting- Review the website and look for the weak points.	Hoang, Jivin, Preet, Sukhman, Sean
	Oct 6, 2024	Finding Solutions & setting timelines with realistic goals.	
	Oct 11, 2024	Creating CRC Tables.	
	Nov 1, 2024	Create a work breakdown structure.	
	Nov 12, 2024	Project Development	
	Nov 24, 2024	Quality Assurance	
	Dec 8, 2024	Final Submission	