NAME \_\_\_\_\_\_\_\_Marija Debelic\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Project 1 – Rubric

ISTE340 Client Programming

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| **✔** | **Tasks** | **Points** |
| **Web Design and Programming Principles** | |  |
| ☐ | Professional looking web application, following modern web design principles and practices, that provides a meaningful content to the user. Using a CSS framework to implement the look and feel and the structure of the web app is welcoming.  Note: This rubric requires knowledge from ISTE-140 Web & Mobile I AND ISTE-240 Web & Mobile II.  TODO: Explain what you did here, and if applicable, where to find this feature in your code (e.g. init.js, line12)  I used basic CSS and HTML principles for my website design. It is a single modern website. I have home/landing page with a photo and welcoming text, then I have section with the text, section with three boxes, in which I have image and text, and the the last section I have form made in javascript and image which is changing depending on user selection. I have simple navigation bar which is easy to use and it is fixed so user always can use it. I used simple colors, light beige and light grey with a black text, so I can reach that level of contrast.  (index.hml and style.css) | 20 |
| ☐ | Professionally structured & implemented website, following good programming principles and techniques (OO approach with the MVC architecture based on ES6 features)  TODO: Explain what you did here, and if applicable, where to find this feature in your code (e.g. init.js, line12)  I separate MVC by the folders, so I have model, view and controller (PizzaModel.js , PizzaView.js and PizzaController.js). Each of the classes are export (Pizza model.js line 3, and PizzaView line 1, PizzaController line1). | 10 |
| ☐ | The code is properly aligned and indented AND documented using comments in the expected format (JSDoc) that clearly explain the code functionality.  TODO: Explain what you did here, and if applicable, where to find this feature in your code (e.g. init.js, line12)  I comment some of the lines of the code. Code is properly align. | 10 |
| **Conditional/Cascading Selects** | |  |
| ☐ | Each select must have at least 2 choices and there must be a depth of 3 different selects  TODO: Explain what you did here, and if applicable, where to find this feature in your code (e.g. init.js, line12)  I have three choices> two selections for base (plain and corn dough), three choices for sauce (tomato sauce, pesto sauce and bbq sauce) ,and three selections for toppings (pepperoni, mortadella and cheese). | 5 |
| ☐ | Selects are dynamically created depending upon the user’s previous select option.  TODO: Explain what you did here, and if applicable, where to find this feature in your code (e.g. init.js, line12)  User must pick the base first in order to pick sauce, and also user must first pick base and sauce in order to use toppings. | 5 |
| ☐ | The user can start over and the selects are re-drawn from the point of the user’s new selection  TODO: Explain what you did here, and if applicable, where to find this feature in your code (e.g. init.js, line12)  User can use plain dough for example and change toppings and sauce, but when the user change his mind and decide to use corn dough he will need to pick sauce and toppings again. | 5 |
| ☐ | The selection process includes a dynamically generated UI element that changes in response to the user's selection  TODO: Explain what you did here, and if applicable, where to find this feature in your code (e.g. init.js, line12)  Image is chancing based on user selection, for example if user first pick plain dough as a base it will appear plain dough, when user pick e.g. tomato sauce it will appear on already picked dough, same for the toppings. Each selection have his own image. | 10 |
| **Form Element** | |  |
| ☐ | Once the user is done with the selection, a form is used to send the user selected options as well as additional data that are application specific (e.g. email, age, ...).  TODO: Explain what you did here, and if applicable, where to find this feature in your code (e.g. init.js, line12)  When user make his own pizza and click order the form.html will appear with already entered base, sauce and toppings, but the user must write his name and address. | 10 |
| ☐ | The form inputs are validated, and an informative feedback with restyled form elements is provided in case of invalid data. At least 2 inputs with an expected format to validate are provided. Validation needs to be performed by JavaScript not by HTML5.  TODO: Explain what you did here, and if applicable, where to find this feature in your code (e.g. init.js, line12)  Validation is not performed in my code, unfortunately. I only used alert when the pizza is submitted. | 10 |
| **Local Storage** | |  |
| ☐ | Once the user is done with the selection, Local Storage is used to store the selected options.  TODO: Explain what you did here, and if applicable, where to find this feature in your code (e.g. init.js, line12)  Local storage is implemented in code and working. All the selected options are store in local storage | 5 |
| ☐ | The data regarding the user choices are loaded from Local Storage into the form. On form submit, all the data are stored in Local Storage  TODO: Explain what you did here, and if applicable, where to find this feature in your code (e.g. init.js, line12)  Picked selections are stored from local storage in the form, user can see what he picked, when he enter his name and address all the data are stored in local storage. | 5 |
| **Browser Support** | |  |
| ☐ | The application checks how well the user’s browser supports the application’s features and redirects the user to a different web page in case of no support. The check is performed in the beginning of the program, before allowing the user to interact with the web page.  TODO: Explain what you did here, and if applicable, where to find this feature in your code (e.g. init.js, line12)  Modernizr is implemented and working. Modernizr is in vendor folder and tagged in index.hml (line 9) and also in html tag I add a class “no-js” (line 2). Based on that everything is working in Google Chrome, but for example Internet Explorer will not supported the whole website as it is, it will now show my form which are made in javascript | 5 |
| **TOTAL:** | | **100** |