# Integration Project 420-516-AB – 2020 Product Backlog

#### Static Pages (Each Team Member Must Choose At Least One Item From This Section)

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| Category | User Story | Conditions Of Satisfaction | Priority | Estimate |
| REQ-S | As a potential customer, I want to find out about the company. | When user clicks on **About Us** menu option, they see a page containing text about the company and its values, as well as some information about the history of the company and the expertise behind its key players (with some images to make the page look appealing). | 1 |  |
| REQ-S | As a potential customer, I want to find out how to contact the company. | When user clicks on **Contact Us** menu option, they see a page that displays the store e-mail address, phone number, physical address and opening hours. | 1 |  |
| REQ-S | As a potential customer, I want to read about how to stay safe when cycling and learn about products designed to keep me safe. | When user navigates to the **Cycling Safety** menu option, they see a page that displays some text and images about riding a bike safely, with details of any regulations specific to Quebec. | 1 |  |
| REQ-S | As a potential employee, I want to read about job vacancies within the company. | When user clicks on **Careers** menu option, they see a page that displays text and images about working with the company, with details of at least one current vacancy. | 1 |  |
| REQ-S | As an existing or potential customer, I want to read the Returns Policy of the company. | When user clicks on **Returns** menu option, they see a page that lists the company’s policy with regards to the return of faulty or damaged items. | 1 |  |
| REQ-S | As an existing or potential customer, I want to read the Services provided by the company | When user clicks on Services menu option, they see a page that lists the company’s services:   * Tune-ups:   + Silver $50     - This tune up is reserved for all children and adult bikes of any shape and size!     - Adjust both brakes     - Adjust the drivetrain.     - Make sure every bolt on the bike is nice and tight.     - Give the bike a good wipe down and make sure it's nice and clean!     - Alignment of both wheels.   + Gold $90   + Titanium $140 * Fitting $80 * Call to book an appointment | 1 |  |

#### Usability (Each Team Member Must Choose At Least One Item From This Section)

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| Category | User Story | Conditions Of Satisfaction | Priority | Estimate |
| IMP-U | As a potential customer, I want to see where the store is on a map. | On the **Contact Us** page, the user can see a Google map with a marker on the store’s location. | 2 |  |
| REQ-U | As a potential customer, I want to be able to navigate the website easily. | Website menu or navigation system must be clear and easy to understand. All menu options must take the user to a page (or to another set of menu options).  All pages must be consistent in the location of the menu or navigation system. | 1 |  |
| IMP-U | As a potential customer, I want to see a slideshow on the homepage. This must promote the website’s services or display some products available on the site. | A slideshow must be displayed on the homepage.  It should contain images and text. If products are featured on the slideshow, each product must be clickable so a user can navigate to that product. | 3 |  |
| IMP-U | As a potential customer, I want to find the website when I use a search engine to search for relevant keywords. | Website must be designed in a search engine friendly manner and take into account only industry-accepted white hat search engine optimization techniques. | 2 |  |
| REQ-U | As a potential customer, I want to see links to the main pages in the footer of each page. | Every page must contain a consistent set of text links on the footer to all the important pages in the site. These will aid search engine visibility and accessibility. | 1 |  |
| REQ-U | As a website visitor, I want the option of viewing the site in English or French. | Image and text for language choice should be displayed on the homepage. When a user clicks, they are taken to the relevant language pages of the site. | 3 |  |

#### Products And Product Categories (Each Team Member Must Choose At Least One Item From This Section)

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| Category | User Story | Conditions Of Satisfaction | Priority | Estimate |
| REQ-P | As a potential customer, I want to see a list of the product categories offered on the website. | **Product Categories** must be displayed on the site with name, image and some information for each category. | 1 |  |
| REQ-P | As a potential customer, I want to browse the products in each category. | Each category page must display all **Products** available in the category (with sorting and paging options). The product name, brief description and price must be displayed. Some information about the category itself would also be helpful to the user. | 1 |  |
| REQ-P | As a potential customer, I want to see all the information for a product with text and images. | Each **Product** page must display the product name, description, price, and at least one image. | 1 |  |
| REQ-P | As a potential customer, I want to see the ratings and reviews for a product in order to help me decide if I want to purchase it. | When a user views a **Product**, they can see the average rating of the product (as calculated). They can also view the specific ratings and reviews left by other customers if they wish to do so. | 1 |  |
| REQ-P | As a potential customer, I want to search for a product on the website. | User enters a word/phrase into the **Search** box.  If products are found, they are listed on a results page. If no products are found, the results page displays a message to the user. The user can navigate to the Product page by clicking on a search result. | 1 |  |
| REQ-P | As a potential customer, I want to see products on sale on the website. | User clicks on **Sales** page  The page lists all products on sale with old price and new price in red. | 3 |  |
| IMP-P | As a potential customer, I would like to compare two or more products. | When the user flags two or more products to indicate they want to compare them, they appear side-by-side on a page so their features can be compared easily. | 3 |  |

#### Management

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| Category | User Story | Conditions Of Satisfaction | Priority | Estimate |
| REQ-M | As a manager, I want to add new products to my inventory. | Managers can add new products to the website. All details for the product must be entered. Product must belong to at least one category.  Product can be set to be visible or hidden.  Hidden products are not shown on the website. | 1 |  |
| REQ-M | As a manager, I want to remove products from my inventory. | Managers can remove products from the inventory. This is only possible if none of the selected product has been ordered/purchased by a customer. If the product has been ordered/purchased, then the product cannot be removed from the inventory. | 1 |  |
| REQ-M | As a manager, I want to show or hide products on the website. | Products can be set to be visible or hidden.  Hidden products are not viewed on the website. | 1 |  |
| REQ-M | As a manager, I want to control which products are on special offer (sale). | A manager can flag products to be displayed on special offer. These products will then be offered for sale at the reduced price (with original price still displayed). | 3 |  |
| REQ-M | As a manager, I want to edit the details of a product. | For each product, managers must be able to edit the details stored (e.g. price, name, description). | 1 |  |
| REQ-M | As a manager, I want to put a product on sale. | For each product, managers must be able to put a product on sale with a new price. | 3 |  |
| IMP-M | As a manager, I want to keep track of stock levels and easily see which products are low in stock. | A manager can view stock levels for all products in the inventory. They can also view a list of products where the current stock level falls below the value entered. | 2 |  |

#### User Accounts

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| Category | User Story | Conditions Of Satisfaction | Priority | Estimate |
| REQ-A | As a potential customer, I want to create an account. | User must enter an email that is not currently in the system. They must enter a password and some personal information (first and last name, and e-mail address). When this data has been entered, an account is created, and the user will then be able to log in.  A reCAPTCHA must be present. | 3 |  |
| REQ-A | As an existing customer with a user account, I want to log into the website.  Login can also be done with a Google Account or a Facebook account | User must have a valid email and password to log in. When user is logged in successfully, they can view their profile and log out.  If user does not have a valid email and password, they cannot log in. They can be directed to a page with details on how to create an account.  User can log in with their Google Account or a Facebook account.  A reCAPTCHA must be present. | 3 |  |
| REQ-A | As an existing customer with a user account, I want to log out. | User must already be logged in.  When user logs out successfully, they no longer have access to the pages that require a user to be logged in. | 3 |  |
| IMP-A | As an existing customer, I want to manage my user profile. | When a user has successfully logged in they can change their password, name, e-mail, postal address and any other personal details stored with their user profile. | 4 |  |
| IMP-A | As an existing customer, I want to request my password when I forget it. | When a user has forgotten their password, they must request it. The user must enter a valid e-mail address for verification before their password is displayed. | 4 |  |

#### Shopping Cart / Checkout

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| Category | User Story | Conditions Of Satisfaction | Priority | Estimate |
| REQ-SC | As a potential customer, I want to add products to my shopping cart easily. | When viewing a **Product**, a user must be able to add it to their cart by clicking a button. If product is already in the cart, the quantity must be increased by one. | 4 |  |
| REQ-SC | As a potential customer, I want to view the products in my cart from any page on the site. | A user must be able to navigate to their **Shopping Cart** from anywhere on the site. It must display the list of products (and quantity of each) currently in the cart with a subtotal for each product and the total cost of all items in the shopping cart. | 4 |  |
| REQ-SC | As a potential customer, I want to remove products from my shopping cart easily. | The **Shopping Cart** page must allow a user to remove products from it. When a product is removed, the quantity in the cart must decrease by one and the corresponding subtotal and total must be updated. | 4 |  |
| REQ-SC | As a potential customer, I want to proceed to the checkout to complete my order. | A user must be able to navigate to the **Checkout** page from anywhere on the site by both a graphical and text link (if there are products in their cart). The checkout page must request that the user enter their personal details and shipping address to place their order. | 4 |  |
| IMP-SC | As an existing customer, I want to see my orders. | A user can see their past orders if they are logged in. | 5 |  |
| IMP-SC | As an existing customer, I want to choose my payment method from a range of options. | The user must also choose a payment options in order to pay for their products and complete their order. | 5 |  |

#### Additional Items (Optional)

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| Category | User Story | Conditions Of Satisfaction | Priority | Estimate |
| IMP-S | As a potential customer, I want to leave feedback for the company. | When user clicks on **Leave Feedback**, a form is displayed for the user to type some information on how they feel about the website. This information is stored in the database for management to view. | 3 |  |
| IMP-S | As a potential customer, I want to easily see the current offers (or deals) being offered. | The homepage must display a summary of current offers in a prominent location. When the user clicks on the menu option **Special Offers**, they are taken to a page displaying more information about the offers currently available. | 3 |  |
| IMP-M | As a manager, I want to view sales reports for products. | For each product, managers must be able to see how many items have been purchased via the website. | 3 |  |