

Bike Part Picker UI Mockup Written Report

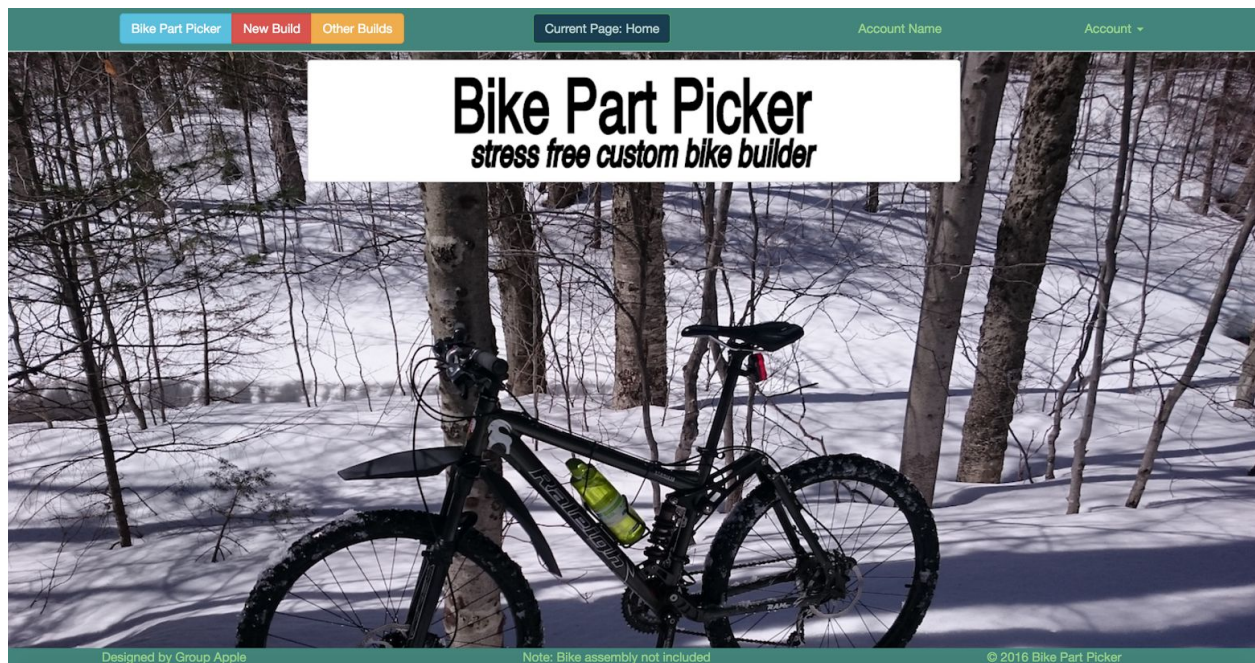
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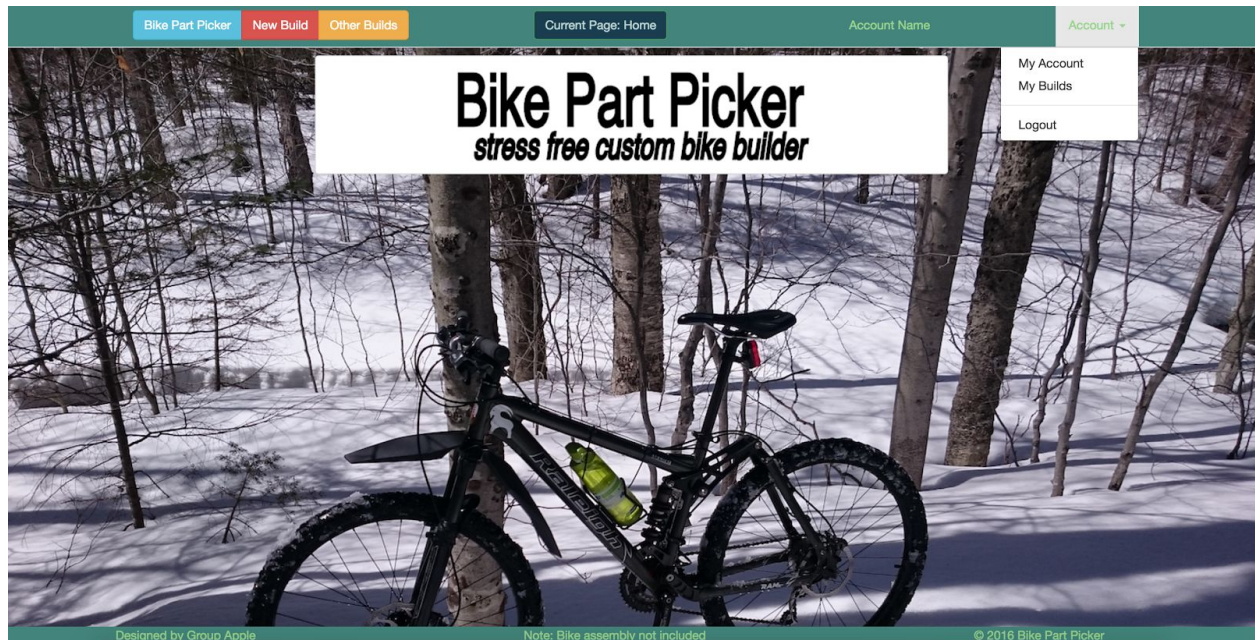
Project overview:

- The purpose of this project is to create a bike builder portal similar to PCPartPicker and implement a similar compatibility search algorithm to provide an easy-to-use interface for users to find the cheapest, most ideal bike parts.
 - The scope of this project only concerns the core functionality of the part picker. Features left out of scope include any conceivable accessory functionalities not directly associated with the functional element of the bike part picker.
-

UI Tour:

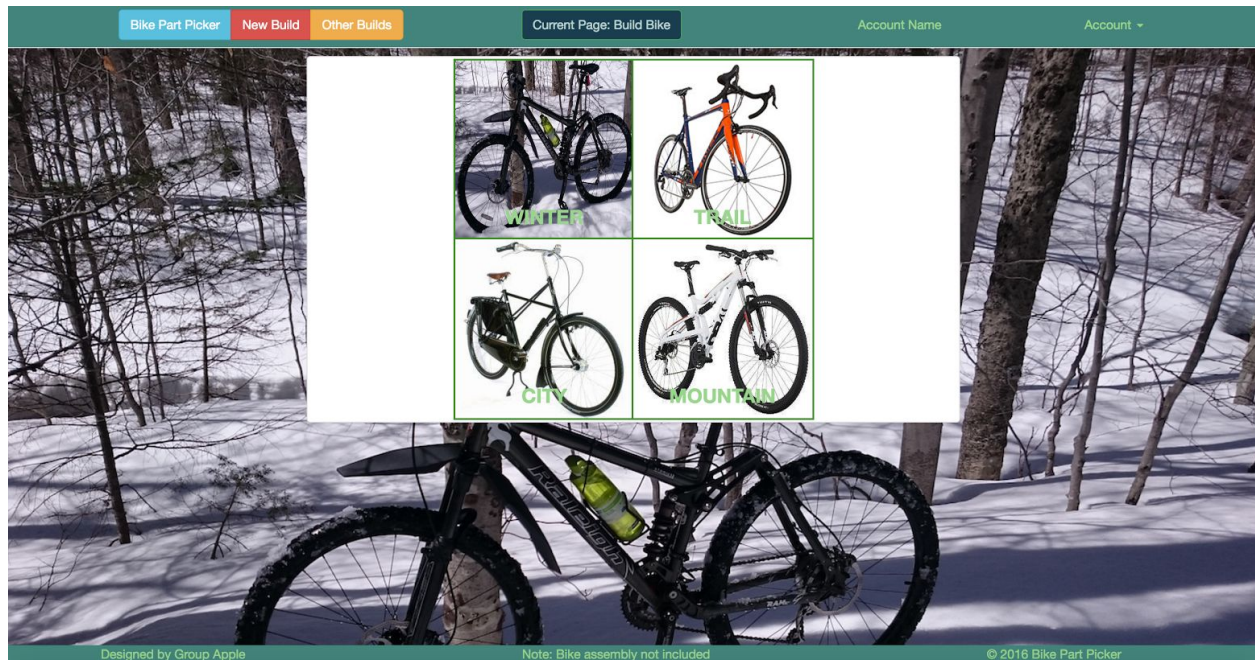
index.html:





- Index.html is the primary home screen for the application.
- There are no user-interactable elements on the body of this page.
- On the navbar:
 - 'Bike Part Picker' button: home button, transitions to index.html
 - 'New Build' button: transitions to build_bike.html
 - 'Other Builds': transitions to SavedBuilds.html
 - 'Current Page: Home': Current page notification
 - Account Name: This displays the name of the user logged in.
 - 'Account': dropdown list containing 'My Account', 'My Builds', horizontal rule, 'Logout'. Causes transition to the MyAccount page, Saved Builds page, and shows a dialog for 'logged out successfully' respectively.
- On the footer:
 - Company information
 - Note saying that the assembly of the bikes is not included.

build_bike.html:



- build_bike.html is the portal that will launch the part list picker. Bikes have been sorted into 4 general categories to provide a targeted search based on the type of bike that is desired.
- Clicking one of the images causes a transition to the part list. The part list page will be tailored based on what bike is selected (example: city bikes do not have shocks, winter bikes require specialized tires and rims, etc).
- The inconsistent image background was a design decision that was made, the image of the winter bike is Cong's bike.
- To-do: modify icons in photoshop for a better looking text overlay.

MyBuild.html

The screenshot shows a web application interface for a bike build. At the top, there is a navigation bar with three tabs: "Bike Part Picker" (active), "New Build", and "Other Builds". To the right of the tabs, it says "Current Page: My Build". Further right, there are links for "Account Name" and "Account" with a dropdown arrow. The main content area is a white modal box titled "My Current Build" overlaid on a background image of a bicycle. Inside the modal, there is a table with four columns: "Part Type", "Brand", "Model", and "Cost". The table lists four parts: Rear Derailleur, Cassette, Brakes, and Fork. Each row includes the brand, model, and a cost link. Below the table is a link "Add another part". At the bottom of the page, there is a footer with three items: "Designed by Group Apple", "Note: Bike assembly not included", and "© 2016 Bike Part Picker".

Part Type	Brand	Model	Cost
Rear Derailleur	Shimano	XTR-RD-M9000 11 Speed SGS	\$159.99 - JensonUSA
Cassette	SRAM	XG-1180 X1 11 Speed Cassette	\$254.99 - JensonUSA
Brakes	Shimano	XT-M8000 Hydraulic Disc Brake	\$90.99 - JensonUSA
Fork	FOX	32 FLOAT 100 CTD EVO 26" FORK 2015	\$299.99 - JensonUSA

[Add another part](#)

Designed by Group Apple Note: Bike assembly not included © 2016 Bike Part Picker

- MyBuild.html is where you can view your current build for your bike.
- With each part type, it lists the brand, model, and cost.
- It gives you the option to add another part, which will link you to a webpage that lists available options for that part
- Clicking the cost will take you to the website in which you can buy the part from.

MyAccount.html

Full Name:	Jack Smith
Email:	JackSmith@umass.edu
Phone Number:	413-546-2534
Username:	Jacksmith123
Physical Address:	547 Umass Street
Social Security:	555-55-5555

Exit


Designed by Group Apple Note: Bike assembly not included © 2016 Bike Part Picker

- MyAccount.html is where users can manage all of their account settings.
- It lists all account information such as:
 - Full Name
 - Email
 - Phone Number
 - Username
 - Physical Address
 - Social Security (we may or may not exclude that from the final product)

SavedBuilds.html

[Bike Part Picker](#) [New Build](#) [Other Builds](#) Current Page: Saved Builds Account Name Account ▾

Today's Popular Bikes



My Favorite Builds

Build Name	Price	Type	Owner	Status
My First Bike	\$100.00	Mountain	Matt Briden	Completed
My Second Bike	\$55.12	City	James Woods	Not Completed
Super Hot Fire Bike	\$156.72	Trail	hotshot99	Completed
Build #1	\$11.12	Snow	Tim Richards	Not Completed
Build #2	\$101.12	Mountain	TJ	Not Completed
Build #3	\$211.99	City	Rick55	Completed
My Best Bike	\$110.12	Snow	Pittsburgh84	Completed
My First Bike	\$100.00	Mountain	Matt Briden	Completed
Jack's Bike	\$11.12	Snow	Jack Attack	Not Completed
Mountain Bike	\$1.10	Trail	Bruch	Not Completed
Cyclist Bike	\$900.00	Trail	The Cyclist	Completed
You Should Buy This	\$15.99	Snow	TVince Vaughn	Completed
Build #1	\$11.12	Trail	Tim Richards	Not Completed

Designed by Group Apple Note: Bike assembly not included © 2016 Bike Part Picker

- SavedBuilds.html is where you can view all of your saved builds and builds from other users that you have favorited
- For each build, it shows:
 - The name of the build
 - The overall price
 - Sum of the prices of all selected parts
 - The type of bike
 - Mountain, City, Trail, or Winter
 - The owner of the build
 - User Account name of the user that created the build
 - The overall status of the build (Complete or not complete)
 - Completed if every necessary piece has been selected and Not Completed otherwise
- Images of Today's Popular bikes are also shown in a rotating carousel
 - This may be moved to a different page as the site further develops, for now though is designed to help users find new builds
- *Please note all data shown on this page is for sample purposes only*
- *Additionally, google docs formatting cuts off some parts of the image. Please see SavedBuilds.html for the proper view*

Founder work:

1. Tony
 - a. Created drawn concept of each page with group members.
 - b. Created the "Build bike" page.
 - c. Created the main logo vector image.
 - d. Styled the main navbar/footer elements.
 - e. Wrote 'index.html' and 'build_bike.html' sections of report.
 - f. Created color palatte.
 - g. Styled main foregrounds/backgrounds on header,footer, body.
2. Matthew
 - a. Contributed with overall website design and logistics
 - b. Helped with designing initial skeleton for navbar and footer
 - c. Created SavedBuilds.html and SavedBuilds.css
 - d. Updated description and added screenshot for SavedBuilds in doc
3. Cong
 - a. Created mybuild page along with supplying some images
 - b. Wrote html/css for page
 - c. Added skeletal build table w/i parts+metadata for parts
 - d. <TODO> take more bike photos
4. Rajesh
 - a. Created the home page.
 - b. Created the main navbar/footer elements and finalized the styling.
 - c. Updated the document with the latest screenshots and certain descriptions
 - d. Updated the navbar/footer elements in build_bike.html and MyBuild.html
 - e. Wrote the descriptions for MyBuild.html and SavedBuilds.html
 - f. Placed a custom background for MyAccount
5. Peter
 - a. Created the MyAccount page
 - b. Created CSS for MyAccount page
 - c. <TODO> help take bike photos