# CSC 642 HCI Summer 2019

Initial Proposal

*Healthy Living*
*Looking for food around your area that align with your way of living?*
*Look no further!*
*Healthy Living is just clicks away!*

Team #10

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**Executive Summary**

Team 10's project is about building a Website that will let users quickly search and choose a restaurant near their area according to diets and distance. As humans, we have a limited capacity for willpower and decision making, we do what is usually the easiest. With a specific diet/lifestyle, sometimes we just want a quick decision on where to eat and that's where "Healthy Living" comes in. With a great UX/UI design, our project is there to meet our customers needs with little or no extra frills. What makes "Healthy Living" different and innovative compared to its competition is, our attention to a simple and quick user experience, matching customers with their specific diet needs.

With the US spending billions of dollars into the weight loss market, there are new people picking up new diets and lifestyles every day. Imagine going to work, traveling, or just being out with friends. You suddenly realize you're hungry and can't make a choice on where to eat, on top of that you are also on this strict lifestyle or you've just picked up this new diet that everyone has been talking about. You pull up a few websites, maybe open up a few apps on where to eat but still can't make a decision. The irritation sets in, you get in a bad mood, maybe even start fights with random people and friends. Instead of going through this hassle, you pull up "Healthy Lifestyle" and with just a few clicks, the decision is made for you!

Our website gives you a simple and quick user experience to make living healthy that much easier. We don't include more information and fluff on our website, we leave that for the nutritionists and food experts out there. You can get food suggestions at your fingertips with just a few clicks. If users were interested in a more quick and personal experience, our registration is a seamless process. The benefits of registering with our site allows you to save your diet each day of the week. Based on your diet plans we will automatically display nearby restaurants. So, customers don't need to compromise with their diet. Members of our website will also be able to favorite their restaurants for future visits and to even share with friends and family. Whether you're a member or not, our website is always viewable with up to date popular diets and restaurant suggestions that are just a few clicks away. Our team is dedicated to creating a better space for people to meet their goals for a healthier lifestyle!

**Personas:**

John: college student and a basketball player



About John:

- John is a 21 year old student who has a part time job
- Very busy with school and work
- Likes to play basketball and staying in shape
- Works out in a gym daily for at least an hour
- Worries about his diet since he wants to stay in shape
- Wants to eat healthy but not very good at cooking
- Likes to eat at restaurants rather than cooking food himself
- Is knowledgeable with how to use electronic devices and the internet
- Impatient with websites and waiting for it to load

Goals and Scenario:

- John is very hungry after working out in a gym. He wants to check the internet for restaurant where there's healthy diet food near him. He'll automatically get nearby restaurants without doing any search or filter.
- He's not very decisive with picking what food he wants to eat and wants to look for recommended food options. If the food is good he would recommend it to his friends.

Sarah: is a Sales manager for a successful company



About Sarah:

- Sarah is 42 years old and a single parent of 2 children
- Very busy with her job
- Concerned about her weight and her kids eating healthy
- Has no time to cook and wants to eat out at a healthy diet restaurant
- She does exercise daily and wants to lose weight but has no clue on her diet
- Has basic skills on how to use electronics and the internet
- Impatient when browsing through a website

Goals and Scenario:

- Sarah is off from work and pick up her kids from school. She has no time to cook since she got to organize plans for the company tomorrow. So, she wants to quickly check for a healthy diet restaurant to eat with her 2 children.
- She wants to look up restaurants with good ratings and different culture of healthy diet restaurants.

**High Level Use Cases**

1. John wants to test out the vegan diet and wants to eat out after the gym. He goes to our website and enters "vegan" into the search bar then reviews the list of restaurants nearby that have vegan options.

2. Sarah wants her kids to eat healthier after school. Before she picks them up, she does a quick search on our website for "healthy kid meals" and reviews a list of suggested restaurants near her location that fit the search. She notes that one of her kids has an allergy so she clicks the number on the display of the restaurant that caught her eye and calls them to check if they can work around the allergy.

3. Hannah just began the keto diet and doesn't know any restaurants nearby that is good for the diet. She goes to our website and enters "keto" into the search bar and receives a list of restaurants nearby that have keto options. She looks at the provided list and the ratings to find the best place.

4. Henry gets off work after 8pm and wants to find a restaurant nearby that is healthy. He doesn't know what he wants so he goes to our website and clicks the advanced search button. He checks the appropriate boxes, including places that open late and does a search. He then reviews the list of search results of restaurants that are still open late.

5. Mary wants to find the nearest restaurant that serves paleo foods. She does a quick search of "paleo" and looks at the list of options from the map. Looking at the map, she finds the closest place with the best rating.

6. Andy is interested in starting a new diet but doesn't know where to look. He goes to our website and scrolls down the lists of popular diets. He decides to choose a random diet and receives a random restaurant with some dishes that follow that diet that was chosen.

7. George and his coworkers want to find a restaurant to eat at, he stumbles along our site and sees an option to randomly select a restaurant. He doesn't really mind where he eats and his coworkers are just going along. The site gives George and option and all the information needed to get him and his coworkers there.

8. John wants to create a profile so that his favorite diet restaurants to be favorited so he doesn't need to keep searching for the same restaurant. He also wants to review and rate his favorite restaurants which requires him to register an account or log in.

9. Joe is a restaurant owner for a healthy diet restaurant. He wants to go to our website and advertise his restaurant. He would click something on our website that will provide a form for him to add his information of his restaurant to our site.

**Major Functions Envisioned**

1. Diet options
- Selection of diets
2. Random restaurant button
- Returns 3 random restaurants within specified distance.
3. Search Bar
- Searches for specific diet to see if it exists in options
4. User login/logout
- Login/Logout option for users visiting site
5. User profile
- Profile option to display users information.
- Displays diet.
- Displays restaurants based on their diet plan.
- Displays favorite restaurants.
- Displays restaurants visited.
6. Display list of restaurants
- Displays top healthy restaurants in the area
7. Suggested/Trending restaurants
- Displays top favorited restaurants in area
8. Map display and contact information
- Displays map of restaurants around your area and the contact information of the restaurants
- Rate the restaurant
- Leave a review for the restaurant
- Favorite the Restaurant
- Submit diets for restaurant
9. Selection/Check boxes

- Selection box for distance

- Selection box for specific foods

- Also includes Diet options

- Filter food options

10. Create user profile

- Allows user to create profile

11. Restaurant submit diets

- Allows restaurants to submit what diets they cater to

**How are we retrieving information about restaurants?**
- Google API
- Yelp open database

**Competitive landscapes**

      Our main competition is Yelp and Zomato. Yelp does a category search for nearby restaurants; however, they are not strict on diet searches. Zomato searches for specific restaurants and cuisines. Both Yelp and Zomato also have different search options besides foods. Our Website/App works differently because we focus mainly on narrowing our choices, so people aren't fatigued by the multitude of choices out there. Healthy Lifestyle will return just a few choices for users to choose from. Not only do we have this simple yet amazing feature, our website prioritizes specific diets which allows users to find restaurants nearby that fit exactly into their healthy lifestyle. We aren't adding extra bells and whistles, our goal is to simply people's lives so we narrow down the features with just a few. Our belief is that users should get what they are searching for with the least amount of effort with the least amount of decisions.

**Tools and Frameworks**

Designing tool: Figma
Framework: Bootstrap
Testing: Selenium