



# Team 17

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## I. Introduction

**Company Name:**

Steezy

**Company Description:**

We are an online marketplace for people to sell their new/used sneakers to customers willing to buy them.

**Logo:****Project Description:**

For our project we will be creating a website for our business using HTML and CSS to display all our products. We will also be using MySQL to create two databases: one to create an inventory of the products that will be available for purchase and another to create a list of all the suppliers. We will be using PHP to write code that creates HTML pages.

**Users and Stakeholders:**

For our project the stakeholders would be the developers creating and maintaining the website. The users would be the people who want to use our platform to buy/sell their sneakers.

## II. Project Development

### The Agile Manifesto:

The Agile Manifesto is a document that outlines 4 values for agile software development. These 4 values are:

1. *Individuals and Interactions* over Processes and Tools.
2. *Working Software* over Comprehensive Documentation
3. *Customer Collaboration* over Contract Negotiation
4. *Responding to Change* over Following a Plan

While creating this project, we will follow the values stated in the Agile Manifesto to deliver working software swiftly to the customer.

### The Agile Principles That We Will Be Using:

1. Satisfy the customer through early and continuous delivery of valuable software.
2. Welcome changing requirements, even late in development.
3. Deliver working software frequently.
4. Have the business department work closely with the developers throughout the project.
5. Give the people involved in the development of the project all the support that they need and trust them to get the work done.
6. Have face-to-face conversations between the team members.
7. Having working software as the primary measure of progress.
8. The users, developers, and stakeholders must be able to maintain a constant pace indefinitely.
9. Pay continuous attention to technical excellence and good design.
10. Simplicity is essential.
11. Have a self-organized team.
12. Have the team reflect on itself periodically and adjust its behavior to become more effective.

**Key Project Steps:****1. Requirements Gathering—**

We will start the project by finding out what our users, employees, stakeholders, and administrators would need in this project. We will then shape our project accordingly.

**2. Feature Design—**

After gathering the requirements for our project, we will design the features on our website and create working code that could be reviewed and deployed later.

**3. Unit Testing—**

After creating features, we will test them out and see if they are working properly and not throwing any errors.

**4. Functional Testing—**

Once we know that the unit works fine, we will see if it works well with the entire website/project and ask the users if they can find any bugs/errors.

**5. User Acceptance—**

We will then check if the users like this new feature and find it useful, and if they don't, we'll try to find ways to make it useful for them.

**6. Deployment—**

If the users accept the new features, we will deploy them to all our users and push it as an official update to our website.

**7. Maintenance—**

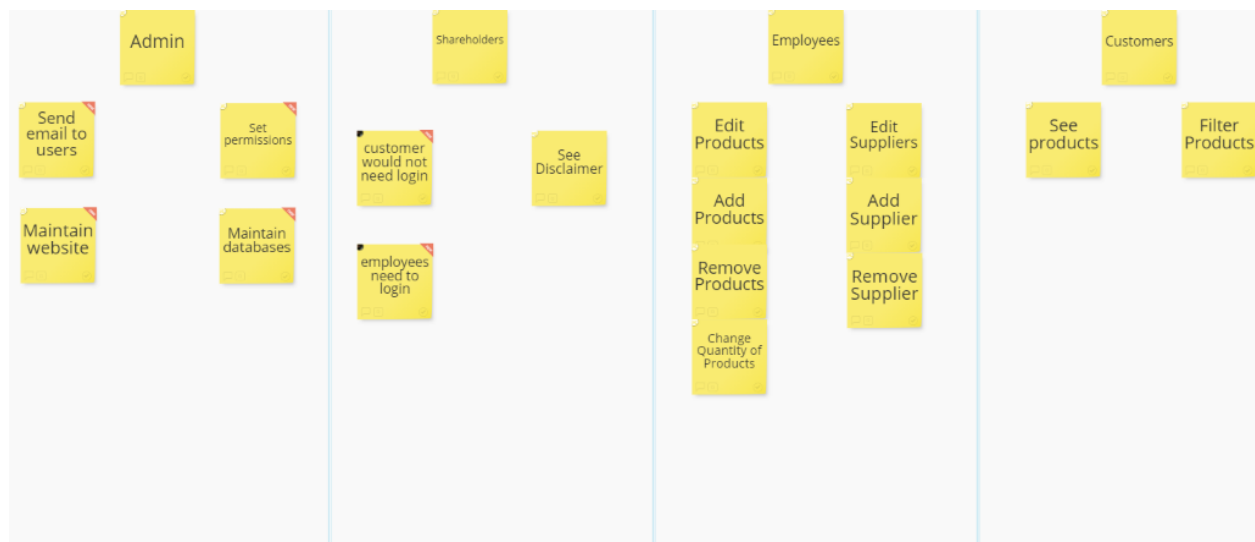
We will make sure that the features work the way they are designed to and if they don't we will find ways to fix the errors.

### III. Requirements

#### Software Used:

1. We will use HTML to create well-designed and functional web pages.
2. We will use ABYSS as our web server.
3. We will use PHP to handle and interact with data on the server side.
4. We will use MySQL to store information about our products and sellers.
5. We will use HTTP to request and receive web pages from our server.

#### User Stories (Post-It):



### User Stories (Numbered List):

	A	B	C	D
1	No.	As a(n)	I want to	So that
2	1 Admin	Send email to users		We can notify users of website updates
3	2 Admin	Set permissions		We can control what users have access to
4	3 admin	Maintain the website		We can keep the site running smoothly
5	4 admin	Maintain the website		We can have an updated interface
6	5 shareholder	not need customer logins		The customer has an easier experience
7	6 shareholder	have employees login		they can access special privileges
8	7 shareholder	have a disclaimer displayed on every page of the website		the company is protected
9	8 employee	edit products		the inventory is updated
10	9 employee	add products		the inventory is updated
11	10 employee	remove products		the inventory is updated
12	11 employee	change quantity of products		the inventory is updated
13	12 employee	edit suppliers		the supplier list is up to date
14	13 employee	add suppliers		the supplier list is up to date
15	14 employee	remove suppliers		the supplier list is up to date
16	15 customer	see products		I can see what I can buy
17	16 customer	filter products		I can see what I might want to buy
18	17 customer	view prices right away		I can see how much products cost easily
19	18 customer	see reviews		I can understand the product more
20	19 admin	log in		I can see special "admin" options
21	20 admin	add an employee		the employee list is up to date
22	21 admin	remove an employee		the employee list is up to date
23	22 user	see a change log for the products in my cart		I am aware of the changes that were made
24	23 stakeholder	be able to access all the code		we can have teams support each other
25	24 stakeholder	see programming information		it is easier to maintain the site
26	25 stakeholder	passwords encrypted		our site is safer to use
27	26 stakeholder	see design documents		I can review and approve applications
28	27 stakeholder	passwords to be changed every 90 days		we follow security requirements
29	28 stakeholder	a change log to be displayed		users are aware of the changes to the site
30				

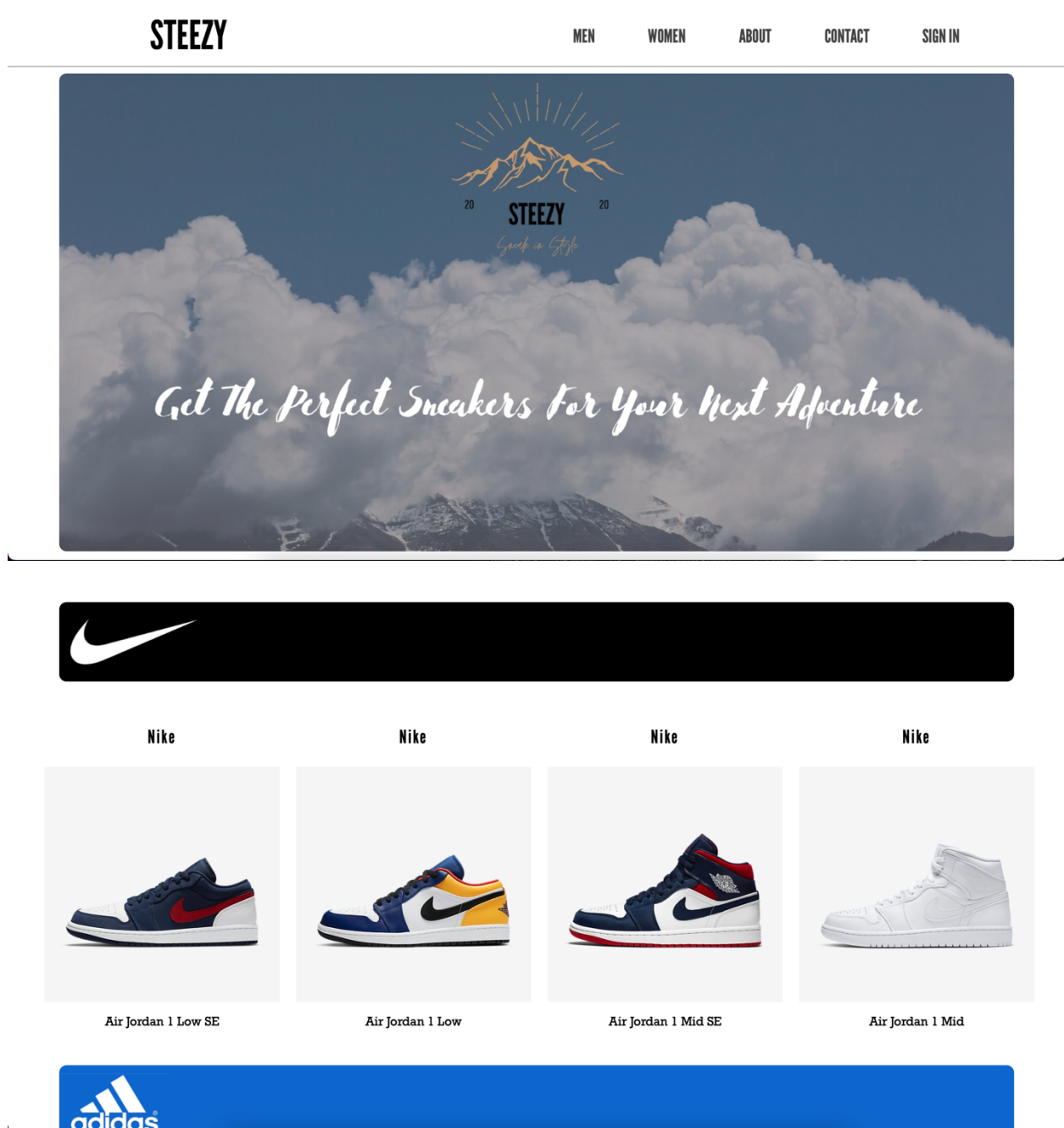
### Feature List:

	A	B	C	D
1	Feature #	Description	Priority	User Story Match
2	1	Set permissions on site	High	Admin
3	2	Maintain databases	High	Admin
4	3	Maintain website	High	Admin
5	4	Able to edit, add and remove products	High	Employee
6	5	Be able to change quantity of products	High	Employee
7	6	Edit list of suppliers	High	Employee
8	7	Be able to view each product	High	Customer
9	8	Be able to log in, log out, and change password	High	Customer, Employee
10	9	Be able to filter/sort each product	High	Customer
11	10	Send email to users and employees	Medium	Admin
12	12	Be able to access and alter the disclaimer	Medium	Shareholders
13	13	Be compatible with multiple types of clients such as mobile and desktop	Medium	Admin
14				



## iv. Design

Project Homepage:




[JOIN US](#)
[SIGN IN](#)
**Disclaimer:**

This World Wide Web (WWW) site is provided as a marketplace for people to sell their sneakers online by Steezy®. We make every effort to provide complete and accurate information about the products listed on our website. However, we do not guarantee accuracy, completeness, and high quality of our products. We also do not guarantee that the actual products will look like the images displayed on the website. We will do our best to correct the errors brought to our attention. The information appearing on this site is for general informational purposes only and is not intended to provide legal advice to any individual or entity. We urge you to consult with your own legal advisor before taking any action based on information appearing on this site or any site to which it may be linked. Unless indicated otherwise, information presented on this site is public information and may be distributed and copied. Use of appropriate byline/photo/image credits is requested. If you have any disputes with the seller, Steezy® will not be held legally responsible for the seller's actions.

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## Software to be Used:

1. We will use HTML to create well-designed and functional web pages.
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3. We will use PHP to handle and interact with data on the server side.
4. We will use MySQL to store information about our products and sellers.
5. We will use HTTP to request and receive web pages from our server.

## List of Tables (With Table Field Definitions and Attributes)

### 1. T17\_users

username VARCHAR(30) PRIMARY KEY

password VARCHAR(30) NOT NULL

first\_name VARCHAR(25) NOT NULL

last\_name VARCHAR(25)

email\_address VARCHAR(50) NOT NULL

phone\_number VARCHAR(10)

user\_type ENUM('Admin','Employee','Customer')

password\_last\_modified DATETIME

active ENUM('Y','N') NOT NULL

hashtype VARCHAR(30) NOT NULL

lastchanged DATETIME

## **2. Products**

product\_id VARCHAR(6) PRIMARY KEY

product\_name VARCHAR(200) NOT NULL

product\_quantity INT DEFAULT 0

product\_seller VARCHAR(30) NOT NULL

product\_price DECIMAL(6,2) NOT NULL

product\_size INT NOT NULL

active ENUM('Y','N') NOT NULL

## **3. Seller**

seller\_name VARCHAR(30) NOT NULL

seller\_email VARCHAR(50) NOT NULL

seller\_phone VARCHAR(10)

active ENUM('Y','N') NOT NULL

## Functional Diagram:

