Elizabeth Miller

COSC 412

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**Tool** **Selection**

In this project, I will be utilizing the following tools to design, develop, and deploy my website.

**Design:**

* UI will be developed and designed using Figma.

**Development:**

* The code will be written using Wordpress.
* User authentication will be supported using Duo.
* SaaS Optics and HTTPS will be utilized to manage subscriptions and payments on the website.
* MongoDB will be used as the database for the website
* MyFitnessPal or FatSecret API will be used for nutrition information.
* FitBit, Wger or UnderArmour API will be used for workout information.

**Testing**:

* Sandbox will be used to test payment processing.
* Testing will be conducted using XBOSoft.

**Deployment:**

* The website will be hosted on Bluehost.

**Documentation:**

* All documentation of this project will be written using Microsoft Word.
* All documentation will be pushed to my individual project GitHub repository.

GitHub Repository Link:

ellammiller/Miller412-IndividualProject

**Scheduling:**

* The tentative schedule for my project will be marked on a Google calendar to ensure that reminders are set to meet all appropriate deadlines.
* I will additionally keep a handwritten agenda with the schedule.