Updated Project Plan for Module 6 – Software App Wizards (SAW)

## 1. Team Leadership

The current Team Leader is Samuel Steinhardt. Each Monday after SDEV class, the team will decide whether to rotate leadership. If no decision is made, Samuel Steinhardt defaults to Team Leader for that week.

## 2. Communication & Collaboration Tools

The team will use github primarily for file sharing, drafting pseudocode and flowcharts. Discord will serve as the primary communication tool, with IvyLearn group tools as a backup option. Attendance will be logged in Discord, and records can be copied into github if necessary.

## 3. Team Identity

Our team name is Software App Wizards (SAW).

## 4. Programming Approach

The team has chosen to use flowcharting to design the payroll program initially, with the option to incorporate pseudocode later as needed or just for the practice itself. As of this week we have also added another weekly collaboration session to work on the modules that we assigned each other last check in. Team leader has also reached out confirming the potential for extra credit by coding the payroll program in python. As such we will be hosting a coding session via discord to collaborate and code the payroll program.

## 5. Attendance Tracking

Attendance will be recorded directly in Discord (meeting logs). If required by the instructor, the notes will also be summarized in a shared doc and submitted to github

## 6. Initial Payroll Program Plan

The project’s objective is to build a payroll program that calculates employee wages, applies tax rules, and outputs results.

- Inputs: Employee work hours, hourly rate, constant data such as income tax

- Processes:

## 1. Initialize constants and income tax (Housecleaning)-Alexia Erkman

## 2. Get employee input (hours and rate)-Samuel Steinhardt

## 3. Run calculations (gross pay, deductions, net pay)-Jayden Johnson

## 4. Output payroll details for each employee-Wai Moo

## 5. End of program with a final “End of Job” message-Alexia Erkman

- Outputs: Gross pay, deductions, net pay, and an end-of-job report

- Modules: Housecleaning, Main Code Loop(Input, Calculation/Run, Output), and Termination(End of Job)

## 7. Team Member Participation

- Samuel Steinhardt – Attended

- Wai Moo – Attended

- Jayden Johnson – Attended

- Alexia Erckman – Attended