MEMORANDUM

Date: 10/25/20
To: CSS 422, Autumn 2020
From: Sean Miles, Luo Leng, Gabriel Acuna, Jayden Fullerton
Subject: Team Progress Report 1

Work Completed

- Meet to discuss and set expectations and team values

Problems

- Personal time conflicts
- Time conflict with each-other's courses

Work Scheduled

Task	Temporary Completion Date
Organize Team	Complete
Development Plan/Task Delegation	11/2/2020
Design/Implement Tests	11/9/2020
Design Skeleton for Proper I/O Management	11/12/2020
Decode NOP	11/16/2020
Decode other op-codes	11/23/2020
Decode effective addressing modes	11/30/2020
Testing/Debugging + Final Polishing	12/7/2020
Personal Statements	12/9/2020

Evaluation

Have not started coding yet, only commits are putting the initial project team submission into GitHub (commits shown to right).

-○- Commits on Oct 11, 2020

Create 422 Project Team.docx
jaydenbf committed 14 days ago

Delete CSS422.docx
jaydenbf committed 14 days ago

Project Team Initial Commit
jaydenbf committed 14 days ago

```
┌─────────────────────┐                          ┌─────────────────────┐
│  Prompt user input  │◄─────────────────────────│                     │
│  for starting and   │                          │                     │
│   ending memory     │◄─────────────┐           │                     │
│      address        │              │           │                     │
└─────────────────────┘              │           │                     │
          │                          │           │                     │
          ▼              errors      │           │                     │
┌─────────────────────┐              │           │                     │
│    Receive input    │              │           │                     │
└─────────────────────┘              │           │                     │
          │                          │           │                     │
          ▼                          │           │                     │
┌─────────────────┐   ┌─────────────────────┐    │                     │
│ Start/End       │   │  Check for errors   │    │                     │
│ Address Keeping │◄--Use---│ and verify      │    │                     │
│                 │   │  correct memory     │    │                     │
└─────────────────┘   │     address         │    │                     │
                      └─────────────────────┘    │                     │
                           │         │           │                     │
              ┌────────────┘         └──────┐    │                     │
              ▼                             ▼    │                     │
   ┌─────────────────┐          ┌─────────────────────┐                │
   │   Op-Code       │          │   Word cannot be    │                │
   │ subroutines     │          │   decoded, display  │───────────────►│
   │ decode word to  │          │    appropriate      │
   │   legitimate    │          │     message         │
   │  instruction    │          └─────────────────────┘
   └─────────────────┘
          │
          ▼
   ┌─────────────────┐
   │ Pass EA         │
   │ information to  │
   │ the EA routines │
   └─────────────────┘
          │
          ▼
   ┌─────────────────┐
   │ EA subroutines  │
   │ attempt to      │
   │ decode EA       │
   │ fields          │
   └─────────────────┘
        │       │
   ┌────┘       └────┐
   ▼                 ▼
┌─────────────┐  ┌─────────────┐
│ Display     │  │ EA cannot   │
│ operands    │  │ be decoded, │
│ and         │  │ inform user │
│ instruction │  │             │
└─────────────┘  └─────────────┘
```