**Project Name** : Pokemon RYB on FPGA

**Project Details** :

Implement the fighting part in Pokemon Red/Yellow/Blue on the Basys 3 FPGA

USE VGA display and additional control

Basic : Complete fight scene and attack functions

Advance : Allow choosing multiple pokemon

Final (hope) : Fully reproduce the pokemon fighting system in the original game

**Estimated cost** :

Controller : Keyboard($0) or other controller($100~$300)

Monitor : Already got one

**Schedule**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 12/17 | 12/22 | 12/24 | 12/29 | 12/31 | 1/5 | 1/7 | 1/12 | 1/14 |
| Topic |  |  |  |  |  |  |  |  |  |
| Basic |  |  |  |  |  |  |  |  |  |
| Advance |  |  |  |  |  |  |  |  |  |
| Final test and hope part |  |  |  |  |  |  |  |  |  |