**WEB BASED COURSE SCHEDULER**

**Use Python Django**

**LOGIN/SIGN UP for Department Head(admin) and Instructor**

**If Logged In as Department Head**

**Pages:**

1. **DEPARTMENTS**
2. **TEACHER EDUCATION DEPARTMENT**
3. **COMPUTER STUDIES DEPARTMENT**
4. **ENGINEERING DEPARTMENT**
5. **NURSING DEPARTMENT**
6. **TECHNOLOGY & ENTREPRENEURSHIP DEPARTMENT**

**After Choosing a Department:**

**Pages:**

1. **Data Entry:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Course Code** | **Course, Year & Block** | **Descriptive Title** | **Lecture Units** | **Laboratory Units** | **Total Units** |  | **Adviser** |
| **IT06** | **BSIT4B** | **CAPSTONE PROJECT 1** | **2** | **1** | **3** |  | **TATAC** |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

**FORMAT: (Data can be, add, edit or delete) and with save button**

**For the Adviser Row, it can be leave blank, for the user to think about who will be assigned.**

**Aa. Entry for List of Rooms, user will input Rooms and classify if it is Laboratory or Lecture**

**Kinds of Room: Laboratory and Lecture**

1. **SCHEDULER (automated scheduling)**

**Timetable for**

1. **Course, Year & Block**
2. **Instructor**
3. **Room**

**USER WILL CHOOSE on the list of Course, Year & Block; for example BSCS2B**

**SYSTEM WILL AUTOMATICALLY GENERATE SCHEDULE OF THE CHOSEN Course, Year & Block WITHOUT HAVING CONFLICT, distributed on the days Monday to Friday; distributed to the inputted list of ROOMS: SUBJECTS with laboratory unit will be assigned to laboratory room, lecture room will be assigned to lecture room**

**Lecture Unit, every 1 unit = 1hour**

**Laboratory Unit, every 1 unit = 3 hours**

**MAX OF 3 HOURS Per Session, session can be divided**

**TIMETABLE FORMAT FOR (all timetable should be edited, if data is change in one of the timetable, the rest of the other timetable should be change too)**

1. **Course, Year & Block**
2. **Instructor**
3. **Room**

**FOR #1 DISPLAY SCHEDULE OF THE CHOSEN COURSE TIMETABLE**

**(NAME: COURSE YEAR & SUBJECT)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **TIME** | **MONDAY** | **TUESDAY** | **WEDNESDAY** | **THURSDAY** | **FRIDAY** | **SATURDAY** |
| 7:00 - 7:30 | **IT1O6**  **BSIT4B**  **TATAC**  **ECB 202** |  |  |  |  |  |
| 7:30 - 8:00 |  |  |  |  |  |
| 8:00 - 8:30 |  |  |  |  |  |
| 8:30 - 9:00 |  |  |  |  |  |
| 9:00 - 9:30 |  |  |  |  |  |  |
| 9:30 - 10:00 |  |  |  |  |  |  |
| 10:00 - 10:30 |  |  |  |  |  |  |
| 10:30 - 11:00 |  |  |  |  |  |  |
| 11:00 - 11:30 |  |  |  |  |  |  |
| 11:30 - 12:00 |  |  |  |  |  |  |
| **12:00 – 1:00** | **BREAK** | | | | | |
| 1:00 - 1:30 |  |  |  |  |  |  |
| 1:30 - 2:00 |  |  |  |  |  |  |
| 2:00 - 2:30 |  |  |  |  |  |  |
| 2:30 - 3:00 |  |  |  |  |  |  |
| 3:00 - 3:30 |  |  |  |  |  |  |
| 3:30 - 4:00 |  |  |  |  |  |  |
| 4:00 - 4:30 |  |  |  |  |  |  |
| 4:30 - 5:00 |  |  |  |  |  |  |
| 5:00 - 5:30 |  |  |  |  |  |  |
| 5:30 - 6:00 |  |  |  |  |  |  |
| 6:00 - 6:30 |  |  |  |  |  |  |
| 6:30 - 7:00 |  |  |  |  |  |  |
| 7:00 - 7:30 |  |  |  |  |  |  |
| 7:30 - 8:80 |  |  |  |  |  |  |

**FOR #2 INSTRUCTOR TIMETABLE**

**(TIMETABLE FOR EACH ADVISER)**

**(HERE IS A LISTBOX OF ADVISER NAMES) THEN DEPENDS ON THE CHOSEN NAME TIMETABLE WILL DISPLAY WHAT ARE THE SCHEDULES ASSIGNED TO THE ADVISER**

**TATAC**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **TIME** | **MONDAY** | **TUESDAY** | **WEDNESDAY** | **THURSDAY** | **FRIDAY** | **SATURDAY** |
| 7:00 - 7:30 | **IT1O6**  **BSIT4B**  **TATAC**  **ECB 202** |  |  |  |  |  |
| 7:30 - 8:00 |  |  |  |  |  |
| 8:00 - 8:30 |  |  |  |  |  |
| 8:30 - 9:00 |  |  |  |  |  |
| 9:00 - 9:30 |  |  |  |  |  |  |
| 9:30 - 10:00 |  |  |  |  |  |  |
| 10:00 - 10:30 |  |  |  |  |  |  |
| 10:30 - 11:00 |  |  |  |  |  |  |
| 11:00 - 11:30 |  |  |  |  |  |  |
| 11:30 - 12:00 |  |  |  |  |  |  |
| **12:00 – 1:00** | **BREAK** | | | | | |
| 1:00 - 1:30 |  |  |  |  |  |  |
| 1:30 - 2:00 |  |  |  |  |  |  |
| 2:00 - 2:30 |  |  |  |  |  |  |
| 2:30 - 3:00 |  |  |  |  |  |  |
| 3:00 - 3:30 |  |  |  |  |  |  |
| 3:30 - 4:00 |  |  |  |  |  |  |
| 4:00 - 4:30 |  |  |  |  |  |  |
| 4:30 - 5:00 |  |  |  |  |  |  |
| 5:00 - 5:30 |  |  |  |  |  |  |
| 5:30 - 6:00 |  |  |  |  |  |  |
| 6:00 - 6:30 |  |  |  |  |  |  |
| 6:30 - 7:00 |  |  |  |  |  |  |
| 7:00 - 7:30 |  |  |  |  |  |  |
| 7:30 - 8:80 |  |  |  |  |  |  |

**FOR #3 ROOM TIMETABLE**

**(LISTBOX OF ROOMS)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **TIME** | **MONDAY** | **TUESDAY** | **WEDNESDAY** | **THURSDAY** | **FRIDAY** | **SATURDAY** |
| 7:00 - 7:30 | **EXAMPLE DISPLAY HERE:**  **IT1O6**  **BSIT4B**  **TATAC** |  |  |  |  |  |
| 7:30 - 8:00 |  |  |  |  |  |
| 8:00 - 8:30 |  |  |  |  |  |
| 8:30 - 9:00 |  |  |  |  |  |
| 9:00 - 9:30 |  |  |  |  |  |  |
| 9:30 - 10:00 |  |  |  |  |  |  |
| 10:00 - 10:30 |  |  |  |  |  |  |
| 10:30 - 11:00 |  |  |  |  |  |  |
| 11:00 - 11:30 |  |  |  |  |  |  |
| 11:30 - 12:00 |  |  |  |  |  |  |
| **12:00 – 1:00** | **BREAK** | | | | | |
| 1:00 - 1:30 |  |  |  |  |  |  |
| 1:30 - 2:00 |  |  |  |  |  |  |
| 2:00 - 2:30 |  |  |  |  |  |  |
| 2:30 - 3:00 |  |  |  |  |  |  |
| 3:00 - 3:30 |  |  |  |  |  |  |
| 3:30 - 4:00 |  |  |  |  |  |  |
| 4:00 - 4:30 |  |  |  |  |  |  |
| 4:30 - 5:00 |  |  |  |  |  |  |
| 5:00 - 5:30 |  |  |  |  |  |  |
| 5:30 - 6:00 |  |  |  |  |  |  |
| 6:00 - 6:30 |  |  |  |  |  |  |
| 6:30 - 7:00 |  |  |  |  |  |  |
| 7:00 - 7:30 |  |  |  |  |  |  |
| 7:30 - 8:80 |  |  |  |  |  |  |

**If Logged In as Department Head**

**View Schedule Only of #1,#2,#3**

**NOTES:**

**Mga 3rd of 4th week of January kung pwede po namin magamit saglit ung system for testing and for Chapter 4 po namin kahit ung scheduling functions po muna.**

**Then 2nd or 3rd week of February magamit na po for final defense.**