|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| User Story | Est. Complexity | Done? | Tasks | Estimated Effort (Person hours) |
| **Sprint 1** |  |  |  |  |
| 1. Spike .csv file format upload to MYSQL |  |  | Spike |  |
|  |  |  |  |  |
| 2. As System manager, upload student records | 3 | Y | Create HTML upload form | 10 |
|  |  |  | Upload student record into database from file |  |
|  |  |  | Set up database structure |  |
|  |  |  |  |  |
| 3. As System manager, upload courses | 2 | Y | Create HTML upload form | 2 |
|  |  |  | Upload courses into database from file |  |
|  |  |  |  |  |
| 4. As System manager, create users | 2 | Y | Create form to add accounts, implement the add function | 1 |
|  |  |  |  |  |
| 5. As system manager, create programmes | 5 | Y | Create HTML forms |  |
|  |  | Y | Add programmes to database |  |
|  |  | Y | Add department to database |  |
|  |  | Y | Add school to database |  |
|  |  | Y | Add colleges to database |  |
|  |  |  |  |  |
|  |  |  |  |  |
| 6. As exam officer upload exams score |  | Y | Create HTML form |  |
|  |  | Y | Upload scores into database |  |
|  |  | Y |  |  |
| 7. As a teaching staff, upload exam score |  | Y | Create HTML upload form |  |
|  |  | Y | Upload scores into database |  |
|  |  | Y | Display the Scores uploaded |  |
|  |  |  |  |  |
| **Sprint 2** |  |  |  |  |
| 1. create login for all user type |  | Y | Create form |  |
|  |  | Y | Connect to database to check |  |
|  |  | Y | Set session |  |
|  |  | Y | Hash user password |  |
|  |  | Y | Verify user hashed password |  |
|  |  |  |  |  |
|  |  |  |  |  |
| 2. Spike Bcrypt password hash and verify |  | Y | spike |  |
|  |  |  |  |  |
| 3. As system manager, input student record |  | Y | Create HTML form |  |
|  |  | Y | Add records to database |  |
|  |  |  |  |  |
| 5. As exam officer, view broadsheet |  | Y | Create HTML Table |  |
|  |  |  | Map score to grade |  |
|  |  |  | Map score to point |  |
|  |  |  | Generate GPA, CGPA |  |
|  |  |  | Create remarks |  |
|  |  | Y | Implement Academic broadsheet result |  |
|  |  |  |  |  |
| 6. As system manager, create backup |  | Y | Create backup |  |
|  |  | Y | Import backup |  |
|  |  |  |  |  |
| 7. As Student, view my semester result |  | Y | Create html formatted page |  |
|  |  | Y | View student semester result | 1 |
| **Sprint 3** |  |  |  | 4 |
| 1. Allocate course |  | Y | View all department courses |  |
|  |  | Y | Choose and allocate course to staff |  |
|  |  |  |  |  |
| 2. Spike web visualisation API |  | Y | spike |  |
| 3. As exams & record, View result analysis |  | Y | Create table |  |
|  |  | Y | View analysis by grade in table result |  |
|  |  | Y | View analysis summary in table |  |
|  |  | Y | View visualise analysis |  |
|  |  | N | Visualise analysis comparing semesters |  |
|  |  |  |  |  |
| 4. As System manager, control user menu |  | Y | View all user menu |  |
|  |  | Y | Disable and enable user menu |  |
|  |  |  |  |  |
| 5. Form validation |  | Y | Validate user input, strip unwanted xters. |  |
| 6. Upload CSV format |  | Y | Ensure file format is .csv |  |
|  |  |  |  |  |
| 7. User logs |  | Y | Create user logs for input, edit, and logins |  |
|  |  |  |  |  |
| **Sprint 4** |  |  |  |  |
| 1. Single course analysis |  | Y | Visualise analysis of single course |  |
|  |  |  |  |  |
| 2. As System manager, view student | 3 | Y | Make a page with a table | 5 |
|  |  | Y | View student records | 3 |
|  |  |  |  |  |
| 3. As System manager, view courses | 2 | Y | Make a page with a table | 1 |
|  |  |  | View courses |  |
|  |  |  |  |  |
| 4. As system manager, modify user access |  | Y | View user | 6 |
|  |  |  | Modify user account |  |
|  |  |  |  |  |
| 5. As system manager, modify programme |  | Y | View programmes |  |
|  |  | Y | Modify programmes |  |
| 6. As system manager, generate file format |  | Y | Course upload .csv file format |  |
|  |  | Y | Student upload .csv file format |  |
|  |  | Y | Ensure the require data is uploaded |  |
| **Sprint 5** |  |  |  |  |
|  |  |  |  |  |
| 1. As Exam officer, generate file format |  | Y | Score upload .csv file format |  |
| 2. Change all user login detail |  | Y | Compare old user detail to new |  |
|  |  | Y | Make changes |  |
|  |  |  |  |  |
| 3. As System manager, view all user | 2 | Y | Make a page with table |  |
| 4. Create user views |  | Y | Create user views with different menus |  |
|  |  |  |  |  |
| 5. Logout |  | Y | Live page and destroy all sessions |  |
|  |  |  |  |  |
| 6. Export files to word |  | Y | Implement result export to word |  |
| 7. Export file to PDF |  | N | Implement result export to word |  |