**Group 4 – Niner Connect UML Diagrams**

**Use Case Diagram**

|  |  |  |
| --- | --- | --- |
| **Use Case** | **Actors** | **Description** |
| UC-1: Log In | Registered Student | Allow registered student to access existing account |
| UC-2: Home Page | Registered Student | Allow registered student to access home page that will give a summary of daily information and navigation options |
| UC-3: Today’s Schedule | Registered Student | Allow registered student to see their daily schedule, with options to view their free periods, friends that have registered from their daily classes, and friends that share free periods for the day. |
| UC-4: Add Classes | Registered Student | Allow registered student to add a class to their schedule. |
| UC-5: Edit Classes | Registered Student | Allow registered Student to edit a class on their schedule if they add/drop, or move sections. |
| UC-6: Find Friends | Registered Student | Allow registered student to find other registered students by username, or suggested friends based on schedules with similar classes. |
| UC-7: Compare Classes | Registered Student | Allow registered students to compare classes based on various metrics through multiple functions |
| UC-8: View Profile | Registered Student | Allow registered student to view their profile information |
| UC-9: Suggest Friends | Registered Student | Allow registered student to find suggested friends based on schedule similarity from the find friends function |
| UC-10: Edit Profile | Registered Student | Allow registered students to edit their existing profile information. |
| UC-11: Sign Up | Unregistered Student | Allow new student to create an account |

A diagram of a student connection

Description automatically generated

**Behavioral (activity) diagram**

**A diagram of a computer program

Description automatically generated**