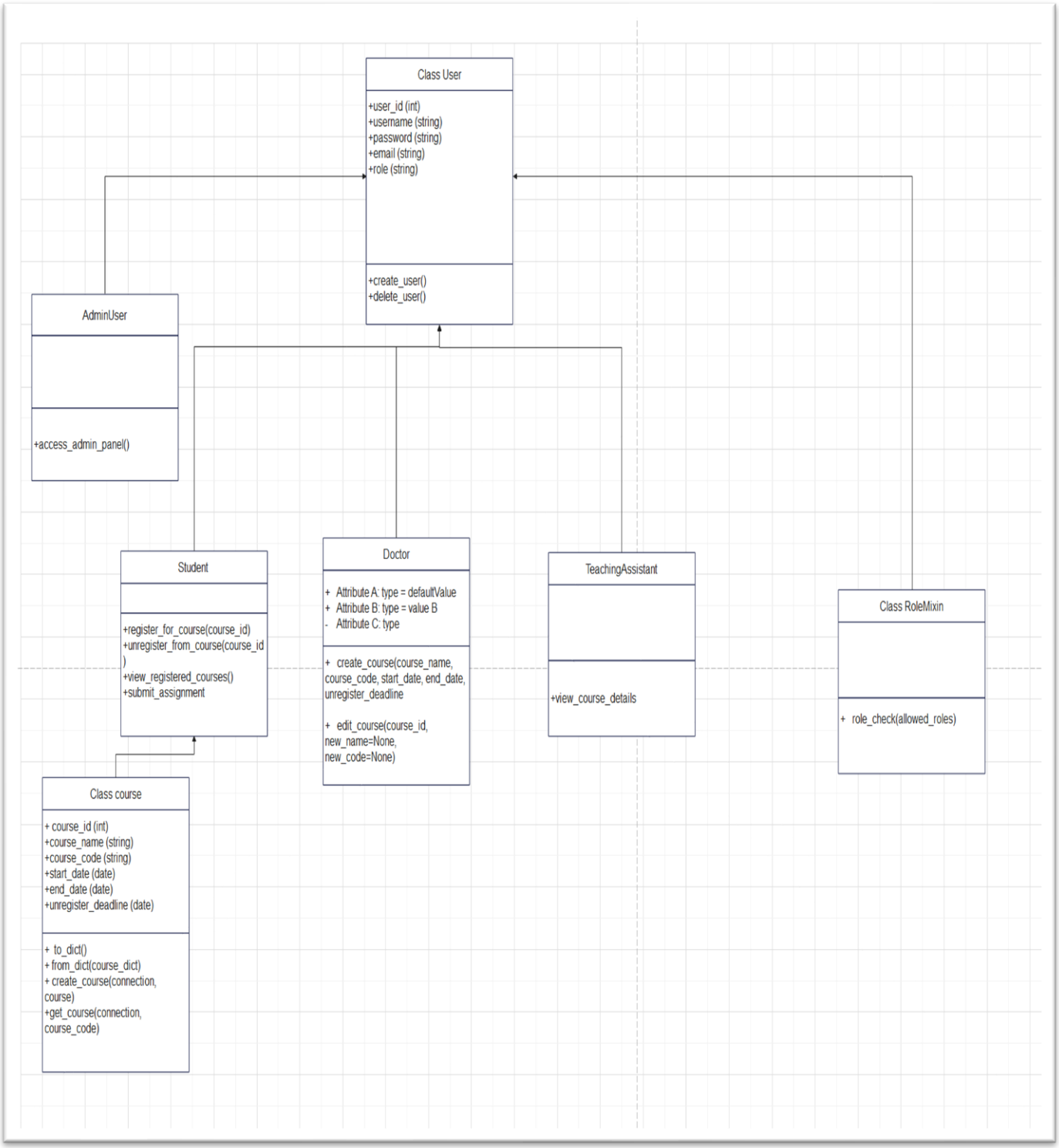
UML Diagram


Class User
+user_id (int)
+username (string)
+password (string)
+email (string)
+role (string)
+create_user()
+delete_user()
AdminUser
+access_admin_panel()
Student
+register_for_course(course_id)
+unregister_from_course(course_id
)
+view_registered_courses()
+submit_assignment
Doctor
+ Attribute A: type = defaultValue
+ Attribute B: type = value B
- Attribute C: type
+ create_course(course_name,
course_code, start_date, end_date,
unregister_deadline
+ edit_course(course_id,
new_name=None,
new_code=None)
TeachingAssistant
+view_course_details
Class RoleMixin
+ role_check(allowed_roles)
Class course
+ course_id (int)
+course_name (string)
+course_code (string)
+start_date (date)
+end_date (date)
+unregister_deadline (date)
+ to_dict()
+ from_dict(course_dict)
+ create_course(connection,
course)
+get_course(connection,
course_code)