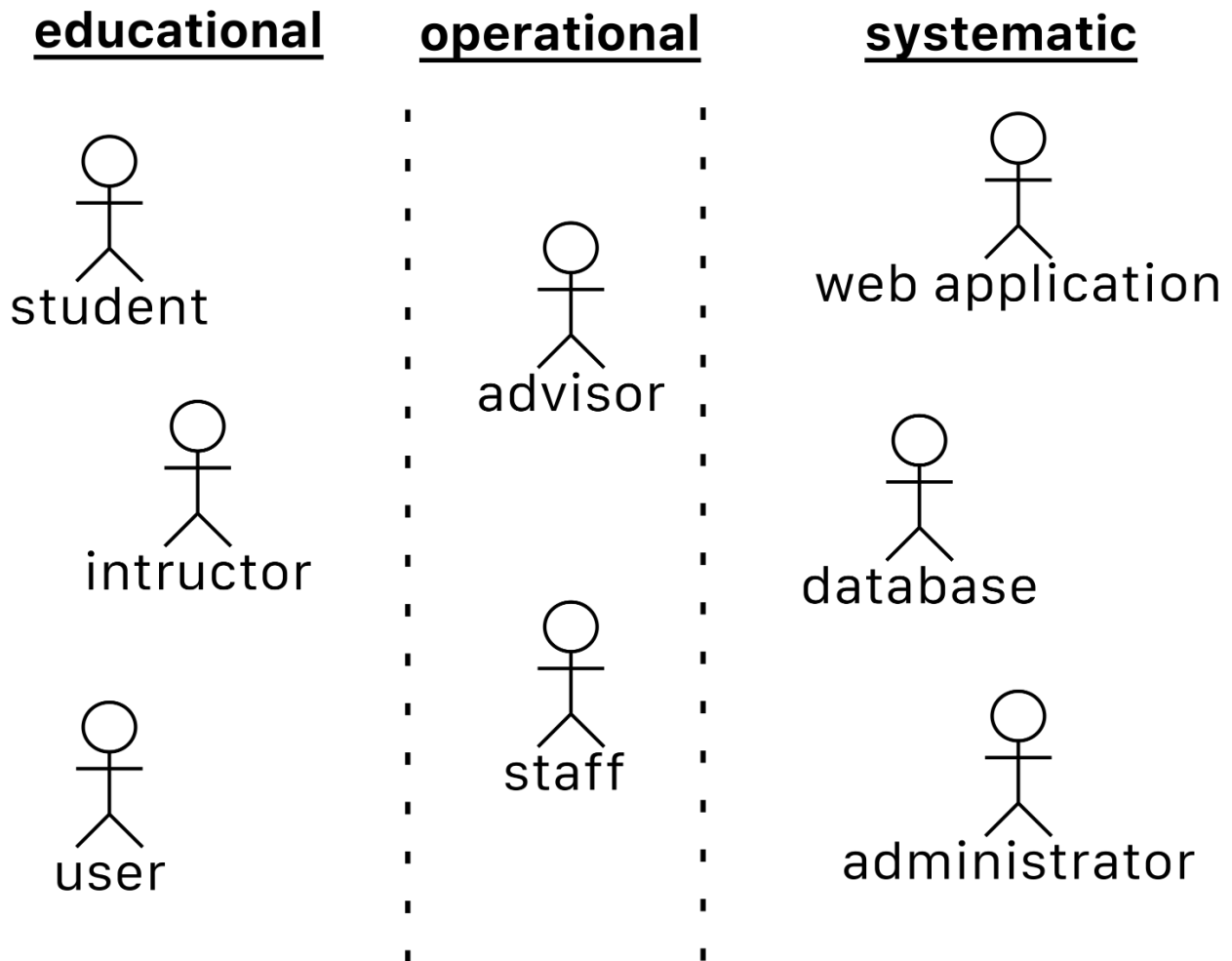Actor Documentation

For this documentation there are three abstract stereotypes for an actor

- Educational – actors who are involve in the primary educational component of the school
- Operational – actors who manage operations of the school
- Systematic – actors who are involved or themselves systems within the school

educational | operational | systematic

educational:
- student
- intructor
- user

operational:
- advisor
- staff

systematic:
- web application
- database
- administrator

ACTORS

NAME:

User

TYPE:

General

DESCRIPTION:

A user actor is a user that has no credentials on the site. This could range from a new user observing the page or a previous user that hasn't logged in with their credentials.

ACTOR RELATIONSHIPS:

Student, Instructor, Advisor, Staff, Administrator

INTERFACE SPECIFICATIONS:

View basic description information, log in

NAME:

Student

TYPE:

Educational

DESCRIPTION:

A student actor is an actor that takes courses and views personal information such as GPA, Course Taken, and Future GPA calculations.

ACTOR RELATIONSHIPS:

Web Application

INTERFACE SPECIFICATIONS:

View GPA, Calculate GPA, Predict future GPA, View Courses Taken, View Current Course Information

NAME:

Instructor

TYPE:

Educational

DESCRIPTION:

An instructor actor is an actor that teaches courses + sections in a department

ACTOR RELATIONSHIPS:

Web Application

INTERFACE SPECIFICATIONS:

View Courses taught, View Courses currently Teaching

NAME:

Advisor

TYPE:

Operational

DESCRIPTION:

An advisor actor is an actor that adds or drops students from courses in the same department

ACTOR RELATIONSHIPS:

Web Application

INTERFACE SPECIFICATIONS:

View student information, Modify student courses (adding or dropping)

NAME:

Staff

TYPE:

Operational

DESCRIPTION:

A staff actor is an actor that can delete, add, or modify any data related to their department.

ACTOR RELATIONSHIPS:

Web Application, Student, Instructor

INTERFACE SPECIFICATIONS:

View all information related to department, modify data related to department

NAME:

Web Application

TYPE:

Systematic

DESCRIPTION:

A web application actor is a system that handles the interface between users and the database

ACTOR RELATIONSHIPS:

Database

INTERFACE SPECIFICATIONS:

Query data from database, Filter data received from data base, display relevant information, UI interaction

***NAME*:**

Database

TYPE:

Systematic

DESCRIPTION:

A Database actor is an actor responsible for storing all data related to courses, students, instructors, staff and advisors.

ACTOR RELATIONSHIPS:

Web Application

INTERFACE SPECIFICATIONS:

Add or delete new data, Store data points, handle requests from web application

***NAME*:**

Administrator

TYPE:

System

DESCRIPTION:

An actor that maintains the database and web application.

ACTOR RELATIONSHIPS:

Web Application, Database

INTERFACE SPECIFICATIONS:

View student information, Modify student courses (adding or dropping)