

Program-Level Assessment: Annual Report

Program Name (no acronyms): Artificial Intelligence

Department: Computer Science

Degree or Certificate Level: MS

College/School: School of Science and Engineering

Date (Month/Year):

Is this program accredited by an external program/disciplinary/specialized accrediting organization or subject to state/licensure requirements? No

If yes, please share how this affects the program's assessment process (e.g., number of learning outcomes assessed, mandated exams or other assessment methods, schedule or timing of assessment, etc.):

1. Student Learning Outcomes

Which of the program's student learning outcomes were assessed in this annual assessment cycle? (Please provide the complete list of the program's learning outcome statements and **bold** the SLOs assessed in this cycle.)

This year, assessment was targeted at the following outcome:

PLO 4: Design and implement a software solution that meets a given set of computing requirements

2. Assessment Methods: Artifacts of Student Learning

Which artifacts of student learning were used to determine if students achieved the outcome(s)? Please describe the artifacts in detail, identify the course(s) in which they were collected, and if they are from program majors/graduates and/or other students. Clarify if any such courses were offered a) online, b) at the Madrid campus, or c) at any other off-campus location.

CSCI 5300: Students were asked to participate in an in-class assessment and were rewarded with a small participation credit. Students were instructed to not use any internet resources to answer assessment questions. Since the grade purpose it serves in your project.

2. Analyze the choice of this data structure for the purpose it serves in terms of program efficiency, coupling, and/or cohesion.
3. What alternative data structure could you have used? Analyze if this alternative would be a better choice for your project.
4. Explain what the term "security" means in the context of software development.
 6. State and explain what you believe is the ideal team size for a: Small project (about the size of our class project) and a medium project
 7. Given your ideal team size and project requirements, explain how you would organize your team and approach the development process to deliver the required software.

8. Describe the git workflow we have utilized in this class for the team project.

B. How specifically have you decided to use these findings to improve teaching and learning in your program? For example, perhaps you've initiated one or more of the following:

Changes to the Curriculum or Pedagogies

- Course content
- Teaching techniques
- Improvements in technology
- Prerequisites

- Course sequence
- New courses
- Deletion of courses
- Changes in frequency or scheduling of course offerings

Changes to the Assessment Plan

- Student learning outcomes
-

