

Test Plan

Academic Behaviour Recommendation system

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1 Introduction

ABRS (Academic Behavior Recommendation System) is a system used to correlate behaviors, which are extracted from syllabus, grades, and log files, to strong performances. This system is used by teachers and students. Teachers are the providers of the documents mentioned above and the students are the receivers of the recommendations.

2 Testing Objectives

This document contains the list of functions and features expected to be incorporated in our system. Each function has a list of tests and the expected outcome of each test.

2.1 Identify behaviors from syllabus

- This objective is non-functional. Although without it, the system will not be functional.
- Pinpoint at least 10 behaviors that leads to strong performance using 'common sense'.

2.2 Extract behaviors from log files

- Input from files: read the information from a specific type of files (log files) and extract the behaviors.

2.3 Extract performances from grade files

Input from files: read the information from a specific type of files that contain the grades and extract performances accordingly.

2.4 Accepting input from the syllabus

Input: the ability of the software to read and sort the information entered from the syllabus, for example:

- Assignment due dates
- Quizzes due dates

2.5 Display good behaviors

The ability to the