

#### Description:

This is the class diagram for the entire View Logs module, and it follows the MVC model, with the ViewLogsInterface as the View, ViewLogsController as the Controller, and the LogsDatabase as the Model.

- The ViewLogsInterface are specialized into StudentLogsInterface and SPSOLogsInterface. The StudentLogsInterface which is used by the student has their unique StudentID and can only see their own logs, meanwhile the SPSOLogsInterface can search the entire system, create a filter and view monthly reports.
- The ViewLogsController can communicate with the LogsDatabase to create SearchResults, and also automatically generate a MonthlyReport. The list of MonthlyReports are also stored in this class, and can be accessed by the SPSOLogsInterface.
- The LogsDatabase stores a list of Logs that are automatically generated after each printing action. They can create SearchResults and summarizes information to create a MonthlyReport