

Description 1 (View system printing logs):

- The diagram follows the MVC model, with the View logs page as View, System as Controller and the Database as Model.
- After the SPSO enters the time period on the screen, the View logs page passes the time period to the system to validate the time period.
- If the time period is valid, the System makes a query to the database, which will create a Search Results object. This object will display the results back to the View logs page.
- Otherwise, the system tells the page to display an error message.
- The filter options are referenced from the Filter search results diagram

Description 2 (Filter search results):

- The diagram also follows the MVC model, however only the Search Results object created by the Database object is used as Model.
- The filter for studentID and printer are both optional, and run parallel to each other. When a filter is used, the System validates the data before filtering the Search Results and returning the filtered logs to the View logs page.