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| **Name** | **1.3.? Storage Data Flow View** |
| **Purpose** | Illustrate the data flow between the various databases and how they interact with the controller |
| **Description** | Requests come from the controller, which then communicate with the external database and the scheduling database, which then return a response back to the controller. |
| **Requirements** | View 1.0, 1.3 |
| **Elements** | **Convert to SQL:** Takes in commands from the controller and turns it into an SQL query. |
| **Filter Relevant Information:** Only some data needs to be pulled from our external dependencies to be stored in the external database. |
| **Return:** Gets a result set from a database and gives a response back to the controller. |
| **Shibboleth:** Verification for BYUI |
| **Jenzabar:** Database for BYUI |
| **BYUI Interactive Map:** App that allows you to see distance to a class |
| **Rate my Professor:** Database for Rate my Professor info. |
| **External Database:** Stores relevant data from our external dependencies. |
| **Scheduling Database:** Stores the schedule information for the students. |
| **Referenced By** | 1.0 |
| **Viewpoint** | Component diagram, External Database View |