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| **Name** | **1.3.3.2 Jenzabar DFD View** |
| **Purpose** | Illustrate the dataflow between the Federator and the external dependency, Jenzabar. |
| **Description** | The federator requests data from the external database, specifically from the Jenzabar part of the database. The Jenzabar proxy then verifies the request, formats it for the API, and then sends it to Jenzabar. Jenzabar will then send the requested data back. |
| **Requirements** | 1.3.1 Federator, 1.3.3 External Database, 1.5 Jenzabar |
| **Elements** | **1.3.3.2.1** Verifies request, whether to send request to storage, or to Jenzabar. |
| **1.3.3.2.2** Temporary storage of data received from Jenzabar. |
| **1.3.1 Federator:** Determines where to request the data from. |
| **1.3.3.2 Jenzabar Proxy:** Knows how to request and store data received from Jenzabar, mainly BYUI class schedules and information. |
| **1.3.3.2.3** Formats request to fit the API of Jenzabar. |
| **1.5 Jenzabar:** Database for BYUI scheduling |
| **1.3.3.2.1 Request:** Request for course class information. |
| **1.3.3.2.2 Formatted Request:** Request for course classes that has been formatted to fit the API of Jenzabar |
| **1.3.3.2.3 Classes:** Course class information |
| **1.3.3.2.4 Token:** Token received from Shibboleth for Jenzabar authentication. |
| **Referenced By** | 1.3 Storage view |
| **Viewpoint** | Data Flow Diagram |