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| **Name** | **1.3.3.3.4 RateMyProfessor Data Flow View** |
| **Purpose** | Illustrate the data flow between RateMyProfessor and the external database. |
| **Description** | When a request comes to grab information from RateMyProfessor, the relevant data is copied over to our external database. The data we want is then brought from there to our controller via the federator. |
| **Requirements** | Requirement 11 |
| **Elements** | **1.2 Logic:** The “brains” of the application where calculations are made |
| **1.3 Storage:** Handles the databases that the application depends on |
| **1.3.1 Federator:** Converts requests from the logic to SQL and returns a data response back to the logic |
| **1.3.1.1 Convert to SQL:** Takes the request from the logic and turns it into a query |
| **1.3.1.2 Return to Logic:** After getting the necessary data, it is then returned to the logic |
| **1.3.3 External Database:** Stores relevant data from our external dependencies |
| **1.3.7 Rate My Professor:** Keeps track of the ratings for each professor |
| **Referenced By** | N/A |
| **Viewpoint** | Storage Data Flow View |