SONAR

Use Case Specification: Add to database storage

Version <1.0>

Revision History

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Use Case Specification: Add to database storage

# Add to database storage

## Brief Description

Adds more storage to the existing database

# Flow of Events

## Basic Flow

Database will continue to grow with time, as new students are added, and more data is accumulated for each student. Staff, as the primary actors, will be able to expand storage for the database in the future to fit their needs at the time. This will lower the chances of them needing a new system any time soon. Advisors can log in to the system and expand database storage up to the max available.

## Alternative Flows

### Max Size reached

In the event that the database is already using the max storage available on the server, advisors will be given the option request more storage to be added to the server by university IT which will allow advisors to expand storage later.

### Lower storage

Advisors will have the option to lower size for the database if business needs require it.

# Special Requirements

## System requirements

Staff would need admin access for the following

* Microsoft windows server 2012
* SQL 2016

## Regulatory requirements

University IT is in control of the server and would have to authorize changes by SON staff members.

# Pre-conditions

## Access to system

Staff must have admin access to the data base and servers. Staff would require IT assistance in some scenarios such as adding more drives to the server.

# Post-conditions

## Database expanded

Database will be expanded to the desired size

## Error generated

Error could be generated if the database size is larger than server storage available or if the user does not have required access.

# Extension Points

## Dependencies

Database expansion is highly dependent on the server specifications that are controlled by university IT and must be updated by them. This results in a lot of added steps and would require additional time to get approval.