# Use Case: Request Data Modification (UC-9)

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| Name: | Request Data Modification |
| Participating Actor(s): | Researcher |
| Entry Condition | Researcher already has the submission in the repository for which researcher wants to request data modification. |
| Flow of Events | 1. Researcher requests data modification. 2. System presents previous submission list of that Researcher. 3. Researcher selects specific submission that they want to modify. 4. System asks for the package that has modified files. 5. Researcher provides the package which includes:    1. New metadata file; contains the metadata for the new raw files.    2. New raw files related to the metadata file. 6. Researcher uploads the package. 7. System validates the package. 8. System retrieves the old raw files that Researcher requested to modify. 9. System replaces the old raw files with new raw files and replaces old metadata information with new metadata information related to the new raw files. 10. System notifies Researcher about successful modification. 11. System computes metrics for uploaded raw files. 12. System stores the calculated metrics in the repository an releases the data. |
| Exit Condition | Requested data is modified and released to the research community for search and download. |
| Alternative Flows: | * 7a. System finds error during package validation:   + System notifies the Researcher about errors.   + Researcher acknowledges the error message.   + System reverts to step 4. * 11a. System finds corrupted files or files with large negative values:   + System notifies the Researcher about errors.   + Researcher acknowledges the error message.   + System reverts to step 4. |