

Use Case: *Submit Analysis Job*

Identifier	<i>UC # SAJ</i>
Goals in Context	<i>Submit an analysis job stating job description (executable and configuration files, dataset definition), and priority.</i>
Actors	<i>Physicist.</i>
Triggers	<i>Conference deadline, angry supervisor.</i>
Included Use Cases	<i>Snapshot creation. Required File Identification. Input File Transfer. Monitoring of User Jobs.</i>
Extended Use Cases	<i>Straight SAM submit.</i>
Pre-conditions	<i>Dataset definition. Job description. Output File Definition.</i>
Post-conditions	<i>Job queued or running on appropriate resource(s).</i>
Basic Flow	<i>User submits job description. Input files transferred and job queued. Monitoring of User Jobs notified.</i>
Devious Flow(s)	<i>Errors in description reported. Errors in IFT reported.</i>
Importance and Frequency	<i>Needed for use of remote resources.</i>
Additional Requirements	<i>System returns run scenarios and predicted end-time. User can buy higher priority. Parallelisation(multi-process/station) is automated.</i>