

# Spacecraft Requirements, text and rationales

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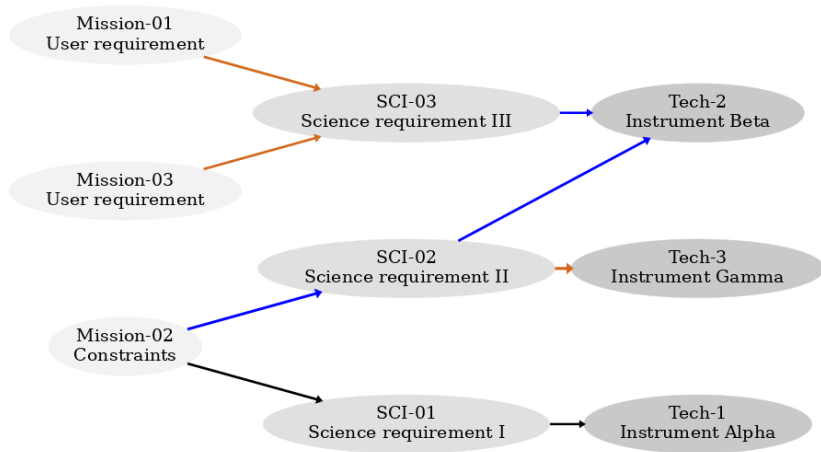
### Requirement Flow

#### Level 1

#### Level 2

#### Level 3

## Requirement Flow



# 1 Mission-01

*User requirement*

Mission level requirement A

*Child links:* SCI-03

# 1 Mission-02

## *Constraints*

Mission level requirement B

*Child links:* SCI-01, SCI-02

# 1 Mission-03

*User requirement*

Mission level requirement C

*Child links:* SCI-03

## *Science requirement I*

Mission shall be able to perform example measurement one

*Parent links:* Mission-02

*Child links:* Tech-1

## *Science requirement II*

Mission shall be able to perform example measurement two

*Parent links:* Mission-02

*Child links:* Tech-2, Tech-3



## *Science requirement III*

Mission shall be able to perform example measurement three

*Parent links:* Mission-01, Mission-03

*Child links:* Tech-2

# 1 Tech-1

*Instrument Alpha*

Technical instrument requirement Alpha

*Parent links:* SCI-01

# 1 Tech-2

*Instrument Beta*

Technical instrument requirement Beta

*Parent links:* SCI-02, SCI-03

# 1 Tech-3

*Instrument Gamma*

Technical instrument requirement Gamma

*Verification plan:*

test

*Parent links:* SCI-02