

# Traceability Summary Report

## Report Input

### Requirements

List: PTA-3, PTA-4, PTA-5, PTA-10, PTA-11, PTA-13, PTA-14, PTA-82

Include child Issues: Yes

Cumulate requirements data: Yes

Include all Case Versions: No

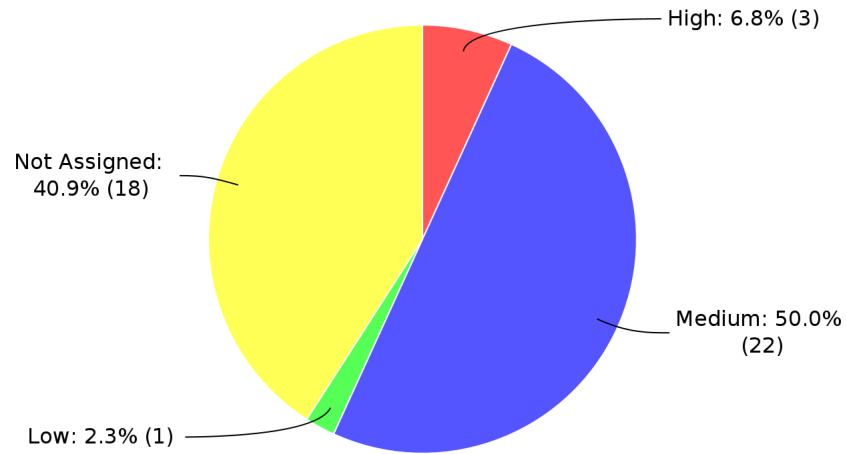
### Cycles

Retrieve Runs: Yes, Retrieve Defects: Yes

List: PTA-CY-1

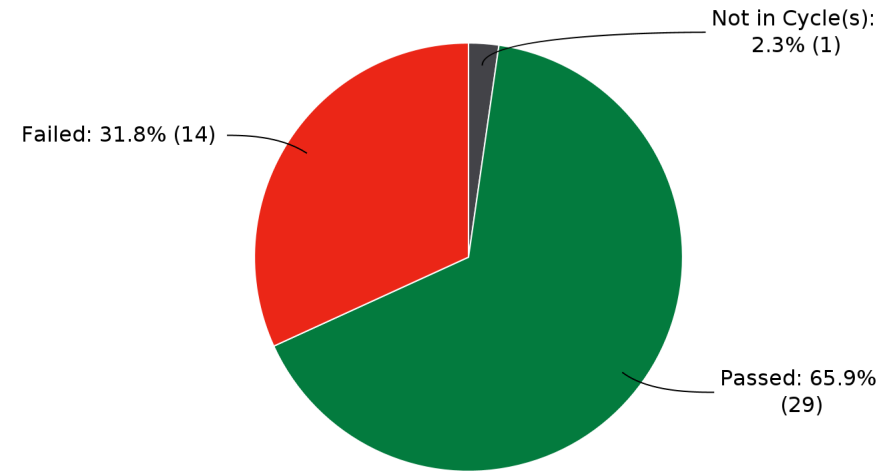
Statistic	Value	Explanation
Requirements	98	Requirement count.
Covered	75 (76.5%)	Requirements having cases associated.
Not Covered	23 (23.5%)	Requirements not having any cases associated.
Cases	44	Cases associated with covered requirements.
Defects	7	Defects uncovered while executing associated cases.

### Case Priority Distribution



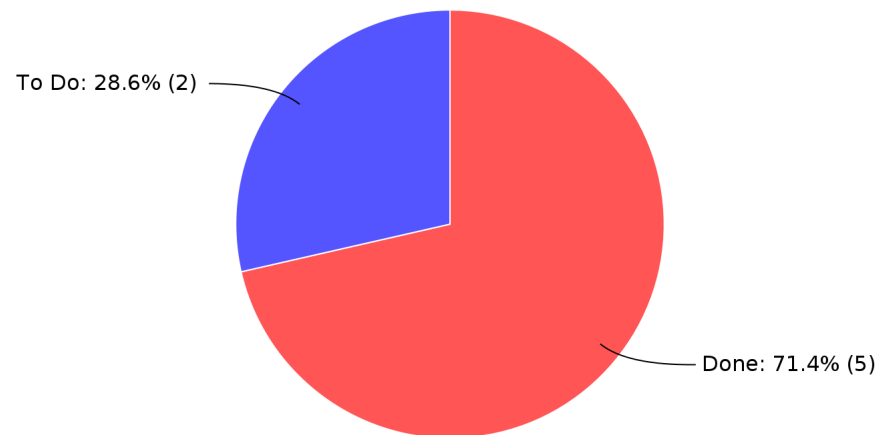
● High ● Medium ● Low ● Not Assigned

### Execution Distribution



● Not in Cycle(s) ● Passed ● Failed

### Defect Distribution



● Done ● To Do

Requirement									
Key	Summary	Type	Status	Priority	Coverage	Case Count	Execution Results	% Done	Defect Count
PTA-3	Account Creation	Epic	To Do	Medium	Covered	7	1 Not in Cycle(s), 6 Passed	85.7%	0
PTA-6	Negative: Users with invalid credentials should not be able to open a new User account with the Planetarium	Story	Done	Medium	Covered	6	1 Not in Cycle(s), 5 Passed	83.3%	0
PTA-76	Password blank	Sub-task	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-75	Username blank	Sub-task	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-34	Username and password too long	Sub-task	Done	Medium	Covered	2	1 Not in Cycle(s), 1 Passed	50.0%	0
PTA-33	Username taken and password too long	Sub-task	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-32	Password too long	Sub-task	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-31	Username too long	Sub-task	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-8	Username not unique	Sub-task	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-7	Positive: Users with valid credentials should be able to open a new User account with the Planetarium	Story	Done	Medium	Covered	1	1 Passed	100.0%	0

Requirement									
Key	Summary	Type	Status	Priority	Coverage	Case Count	Execution Results	% Done	Defect Count
PTA-9	Valid username and password for registration	Sub-task	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-4	Login	Epic	To Do	Medium	Covered	2	2 Passed	100.0%	0
PTA-15	Positive: Users with valid account credentials should be able to securely access their account	Story	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-17	Username exists and password matches	Sub-task	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-16	Negative: Users with invalid account credentials should not be able to access an account	Story	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-38	Username exists, but password does not match	Sub-task	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-18	Username does not exist	Sub-task	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-5	Planet and Moon Visibility	Epic	Docs done	Medium	Covered	5	5 Passed	100.0%	0
PTA-19	Positive: Users who are logged in should be able to view planets and moons	Story	Done	Medium	Covered	4	4 Passed	100.0%	0

Requirement									
Key	Summary	Type	Status	Priority	Coverage	Case Count	Execution Results	% Done	Defect Count
PTA-42	Users are able to view moons other users have added to the Planetarium	Sub-task	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-41	Users are able to view moons they have added	Sub-task	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-40	Users are able to view planets other users have added to the Planetarium	Sub-task	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-39	Users are able to view planets they have added to the Planetarium	Sub-task	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-61	Negative: Users who are not logged in should not be able to view planets and moons	Story	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-62	Users who are not logged in should not be able to view planets and moons	Sub-task	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-10	Planet Addition	Epic	To Do	Medium	Covered	6	4 Passed, 2 Failed	100.0%	2
PTA-104	Failed : Adding planet without an image	Bug	Done	High	Covered	1	1 Failed	100.0%	1

Requirement									
Key	Summary	Type	Status	Priority	Coverage	Case Count	Execution Results	% Done	Defect Count
PTA-105	Failed : Adding a planet with an already existing moon name	Bug	Done	High	Covered	1	1 Failed	100.0%	1
PTA-21	Positive: Users should be able to add new planets to the Planetarium	Story	Done	Medium	Covered	2	1 Passed, 1 Failed	100.0%	1
PTA-47	Valid planet name with image	Sub-task	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-46	Valid planet name without image	Sub-task	Done	Medium	Covered	1	1 Failed	100.0%	1
PTA-22	Negative: Users should not be able to add new planets to the Planetarium with invalid name	Story	Done	Medium	Covered	4	3 Passed, 1 Failed	100.0%	1
PTA-67	Blank planet names	Sub-task	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-66	Matching moon name	Sub-task	Done	Medium	Covered	1	1 Failed	100.0%	1
PTA-50	Matching planet name	Sub-task	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-49	Too long planet names	Sub-task	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-11	Planet Deletion	Epic	Docs done	Medium	Covered	8	6 Passed, 2 Failed	100.0%	2

Requirement									
Key	Summary	Type	Status	Priority	Coverage	Case Count	Execution Results	% Done	Defect Count
PTA-112	Failed : Removing planets with special characters for names	Bug	Done	Medium	Covered	1	1 Failed	100.0%	1
PTA-113	Failed : Removing planets with numbers for names	Bug	Done	Medium	Covered	1	1 Failed	100.0%	1
PTA-24	Positive: Users should be able to remove Planets using valid inputs from the Planetarium	Story	Done	Medium	Covered	4	2 Passed, 2 Failed	100.0%	2
PTA-77	Moons are deleted alongside their orbiting planet	Sub-task	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-73	Users are able remove a planet that has numbers in its name	Sub-task	Done	Medium	Covered	1	1 Failed	100.0%	1
PTA-68	Users are able to remove a planet using the planet id	Sub-task	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-72	User are able to remove a planet that has special characters in its name	Sub-task	Done	Medium	Covered	1	1 Failed	100.0%	1

Requirement									
Key	Summary	Type	Status	Priority	Coverage	Case Count	Execution Results	% Done	Defect Count
PTA-51	Users are able to remove a planet using the planet name	Sub-task	Done	Medium	Covered	1	1 Failed	100.0%	1
PTA-64	Negative: Users should not be able to remove Planets using invalid inputs from the Planetarium	Story	Done	Medium	Covered	4	4 Passed	100.0%	0
PTA-74	Non-existent ID is used	Sub-task	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-71	Name of moon used instead	Sub-task	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-70	Planet name does not exist	Sub-task	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-69	User does not input a planet name	Sub-task	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-13	Moon Deletion	Epic	To Do	Medium	Covered	8	6 Passed, 2 Failed	100.0%	2
PTA-110	Failed: Removing moons with numbers for names	Bug	To Do	Medium	Covered	1	1 Failed	100.0%	1
PTA-111	Failed: Removing moons with special characters for names	Bug	To Do	Medium	Covered	1	1 Failed	100.0%	1



Requirement									
Key	Summary	Type	Status	Priority	Coverage	Case Count	Execution Results	% Done	Defect Count
PTA-29	Positive: Users should be able to delete moons with valid inputs from the planetarium	Story	Done	Medium	Covered	4	2 Passed, 2 Failed	100.0%	2
PTA-59	valid moon to remove by id	Sub-task	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-58	valid moon to remove by name	Sub-task	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-78	valid moon with special characters	Sub-task	Done	Medium	Covered	1	1 Failed	100.0%	1
PTA-79	valid moon name is numbers	Sub-task	Done	Medium	Covered	1	1 Failed	100.0%	1
PTA-30	Negative: Users should not be able to delete a moon with invalid inputs	Story	Done	Medium	Covered	4	4 Passed	100.0%	0
PTA-63	planet name used instead	Sub-task	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-57	invalid moon id to remove	Sub-task	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-80	input field blank	Sub-task	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-56	invalid moon name to remove	Sub-task	Done	Medium	Covered	1	1 Passed	100.0%	0
PTA-14	Moon Addition	Epic	Docs done	Medium	Covered	8	8 Failed	100.0%	1
PTA-109	Failed : Unable to Locate Moon Addition Fields	Bug	Done	Highest	Covered	8	8 Failed	100.0%	1

Requirement									
Key	Summary	Type	Status	Priority	Coverage	Case Count	Execution Results	% Done	Defect Count
PTA-20	Positive: Users should be able to add Moons using valid inputs	Story	Done	Medium	Covered	2	2 Failed	100.0%	1
PTA-35	Valid input data with picture	Sub-task	Done	Medium	Covered	1	1 Failed	100.0%	1
PTA-27	Valid input data without picture	Sub-task	Done	Medium	Covered	1	1 Failed	100.0%	1
PTA-23	Negative: Users should not be able to add Moons using invalid inputs	Story	Done	Medium	Covered	6	6 Failed	100.0%	1
PTA-65	Existing planet name used	Sub-task	Done	Medium	Covered	1	1 Failed	100.0%	1
PTA-48	Existing moon name used	Sub-task	Done	Medium	Covered	1	1 Failed	100.0%	1
PTA-45	Planet foreign key does not exist	Sub-task	Done	Medium	Covered	1	1 Failed	100.0%	1
PTA-28	User enters a blank moon name	Sub-task	Done	Medium	Covered	1	1 Failed	100.0%	1
PTA-37	Moon name is longer than thirty characters	Sub-task	Done	Medium	Covered	1	1 Failed	100.0%	1
PTA-36	Moon picture too large	Sub-task	Done	Medium	Covered	1	1 Failed	100.0%	1
PTA-82	Acceptance Testing: User Experience Evaluation	Epic	In Progress	Medium	Not Covered	0			

Requirement									
Key	Summary	Type	Status	Priority	Coverage	Case Count	Execution Results	% Done	Defect Count
PTA-84	Is the Intended Use of the Service Intuitive?	Story	Done	Medium	Not Covered	0			
PTA-106	The association between moons and planets is confusing as the relationship is determined through ID and not names	Sub-task	Done	Medium	Not Covered	0			
PTA-103	The “choose file” button does not indicate anywhere that it is meant for a moon/planet image	Sub-task	Done	Medium	Not Covered	0			
PTA-102	The placeholder for the delete input asks for the name of the “celestial body”, but it does not clarify that the moon/planet selection from the dropdown determines what type of celestial body can be deleted	Sub-task	Done	Medium	Not Covered	0			
PTA-101	The only option visible on the homepage is to perform a delete function.	Sub-task	Done	Medium	Not Covered	0			

Requirement									
Key	Summary	Type	Status	Priority	Coverage	Case Count	Execution Results	% Done	Defect Count
PTA-100	The create an account button is so small that it can be easily overlooked	Sub-task	Done	Medium	Not Covered	0			
PTA-99	The login/create an account pages offer no insight into what the application is/can be used for.	Sub-task	Done	Medium	Not Covered	0			
PTA-85	Is the Service Easy to Use?	Story	Done	Medium	Not Covered	0			
PTA-98	Previously entered input does not disappear after form submission	Sub-task	Done	Medium	Not Covered	0			
PTA-97	Error messages are vague and are not always provided to the user when an action cannot be completed.	Sub-task	Done	Medium	Not Covered	0			
PTA-96	There is no option to filter through the added elements, which does not allow for a good overview	Sub-task	Done	Medium	Not Covered	0			

Requirement									
Key	Summary	Type	Status	Priority	Coverage	Case Count	Execution Results	% Done	Defect Count
PTA-95	There is no back button on the create an account page, which is needed if a user remembered they have an existing account and need to log in instead	Sub-task	Done	Medium	Not Covered	0			
PTA-86	Does the Service Inspire Confidence?	Story	Done	Medium	Not Covered	0			
PTA-94	the design quality does not promote professionalism or trust.	Sub-task	Done	Medium	Not Covered	0			
PTA-93	the error messages alerting the user of an issue are vague	Sub-task	Done	Medium	Not Covered	0			
PTA-87	Is the Service Pleasing to Look At?	Story	Done	Medium	Not Covered	0			
PTA-107	The length of the long celestial names can throw off the design of the webpage	Sub-task	Done	Medium	Not Covered	0			

Requirement									
Key	Summary	Type	Status	Priority	Coverage	Case Count	Execution Results	% Done	Defect Count
PTA-92	Planet/Moon cards need to only include necessary data, as well as a visual representation of the relationships	Sub-task	Done	Medium	Not Covered	0			
PTA-91	The application does not have an inviting color palette and the typography is outdated	Sub-task	Done	Medium	Not Covered	0			
PTA-90	The sizing of input fields and buttons are not consistent	Sub-task	Done	Medium	Not Covered	0			
PTA-89	The background distracts from the use of the application	Sub-task	Done	Medium	Not Covered	0			
PTA-88	The application's images do not seem to be responsive, as they do not resize with the rest of the layout of the application	Sub-task	Done	Medium	Not Covered	0			