ฟอมเฟี้ยว

Use case descriptions

Member

- 6487001 Ekkasit Chanyim
- 6487029 Nattawut Khumto
- 6487053 Phumipat Tomyim
- 6487062 Sorawit Auetrakul
- 6487084 Pasin Thonguran

Use Case Name: Create a science plan	ID: 1	Importance Level: Hight
Primary Actor: Astronomers		Use Case Type: Detail, Essential
Stakeholders and Interests: Astronomers – want to create a science plan		
Brief Description: This use case describes create a science plan		
Trigger: Astronomers create a science plan Type: External		
Relationships: Association: Astronomers Include: Extend: Generalization:		
Normal Flow of Events: 1. Astronomers fill in information to create a science plan		
Subflows: -		
Alternate/Exceptional Flow: 1.1 Incorrect data entry presents create a create a science plan		

Use Case Name: Validate a science plan	ID: 02	Importance Level: Hight
Primary Actor: Science Observer		Use Case Type: Detail, Essential
Stakeholders and Interests: Science Observer – Validate a science plan.		
Brief Description: This use case describes verify a science plan is correct.		
Trigger: Science receives science plan from Astronomers to verify accuracy Type: External		
Relationships: Association: Include: Extend: Generalization:		
Normal Flow of Events: 1. Verify a science plan 2. Submit return a science for use in the next step		
Subflows:		
Alternate/Exceptional Flow: 1.1 Incorrect a science plan		

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Use Case Name: Validate an Observing program	ID: 03	Importance Level: Hight
Primary Actor: Telescope operator		Use Case Type: Detail, Essential
Stakeholders and Interests: Telescope program – Validate an observing program		
Brief Description: This use case describes Telescope operator verify am observing observing program is correct		
Trigger: Telescope operator receives observing program form science observer to verify accuracy Type: External		
Relationships: Association: Telescope operator Include: Extend: Generalization:		
Normal Flow of Events: 1. Verify a observing program 2. Approve and return to science observer		
Subflows: -		
Alternate/Exceptional Flow: 1.1 Incorrect a observer program		

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Use Case Name: Test a science plan	ID: 04	Importance Level: Hight
Primary Actor: Astronomers		Use Case Type: Detail, Essential
Stakeholders and Interests: Astronomers – want to test to know a science plan is correct		
Brief Description: This use case describes test a science plan		
Trigger: Astronomers want choose science plan to test Type: External		
Relationships: Association: Astronomers Include: Operate the interactive observing (virtual telescope) Extend: Generalization:		
Normal Flow of Events: 1. Astronomers Select A science plan 2. Create virtual telescope for test 3. Test a science Plan 4. Submit a science plan that test to Science Observer		
Subflows: -		
Alternate/Exceptional Flow: 2.1 Create virtual telescope to failed 2.2 Test a science plan to failed		

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Use Case Name: Collect astronomical data	ID: 05	Importance Level: Hight
Primary Actor: Science observe		Use Case Type: Detail, Essential
Stakeholders and Interests: Science observe – want to collect astronomical data		
Brief Description: This use case describes collect astronomical data		
Trigger: Science observe have execute plan and monitor Type: External		
Relationships: Association: Science observe Include: Extend: Generalization:		
Normal Flow of Events: 1. Collect astronomical data 2. Various quality validate 3. Manage all astronomical data 4. Submit return astronomical data to Astronomers		
Subflows: -		
Alternate/Exceptional Flow: 1.1 Science observe don’t have execute plan		