

Use Case Name: Test a science plan	ID: 3	Importance Level: High
Primary Actor: Astronomer		Use Case Type: Essential
Brief Description: The function is used to test the science plan that astronomers created.		
Trigger: An astronomer created the science plan, and submit the plan to test Type: External		
Preconditions: Astronomer has already created the science plan		
Normal Flow of Events: <ol style="list-style-type: none"> <li>1. Astronomer selects “test a science plan.”</li> <li>2. Astronomer opens virtual telescope.</li> <li>3. Astronomers get the list of science plan.</li> <li>4. Astronomer selects the science plan to test.</li> <li>5. Astronomer imports the science plan.</li> <li>6. Astronomer executes the plan.</li> <li>7. Astronomer tests the plan.</li> <li>8. Astronomers update the plan status.</li> <li>9. Astronomer Select “Finish”.</li> </ol>		
Exceptional Flow: <ol style="list-style-type: none"> <li>1. If there are no existing plans the system will send show the error “Can’t find the existing plans”</li> <li>2. If there is a problem when starting a virtual telescope, the system will display the error message</li> </ol>		