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|--|-------------|-------------|-----------|
| <u>O.1. Design of the JGSL programming language</u> | 31/Jan/2005 | 04/Feb/2005 | Milestone |
|  <u>T1.1. Conceptual Design</u> | 31/Jan/2005 | 04/Feb/2005 | 4 days |
|  <u>T1.2. Script File Layout</u> | 31/Jan/2005 | 04/Feb/2005 | 4 days |
| <u>O.2. Lexical analyzer and parser for the JGSL</u> | 07/Feb/2005 | 19/Feb/2005 | Milestone |
|  <u>T2.1. Install Tools</u> | 07/Feb/2005 | 09/Feb/2005 | 2 days |
|   <u>S2.1.1. JavaCC</u> | 07/Feb/2005 | 08/Feb/2005 | 4 hours |
|   <u>S2.1.2. JUnit</u> | 07/Feb/2005 | 08/Feb/2005 | 4 hours |
|   <u>S2.1.3. IntelliJIDEA</u> | 08/Feb/2005 | 09/Feb/2005 | 4 hours |
|   <u>S2.1.4. Apache Ant: Project Build File</u> | 08/Feb/2005 | 09/Feb/2005 | 4 hours |
|  <u>T2.2. Grammar Design</u> | 09/Feb/2005 | 11/Feb/2005 | 3 days |
|  <u>T2.3. Implement Parser</u> | 14/Feb/2005 | 19/Feb/2005 | 5 days |
|   <u>S2.3.1. Parser Ant Target</u> | 14/Feb/2005 | 14/Feb/2005 | 1 hours |
|   <u>S2.3.2. JUnit Test Cases</u> | 15/Feb/2005 | 16/Feb/2005 | 8 hours |
| <u>O.3. Design and development of the JGSL runtime framework</u> | 21/Feb/2005 | 24/Mar/2005 | Milestone |
|  <u>T3.1. Script Persistence</u> | 21/Feb/2005 | 26/Feb/2005 | 5 days |
|   <u>S3.1.1. Script Persistence Ant Target</u> | 21/Feb/2005 | 21/Feb/2005 | 1 hours |
|   <u>S3.1.2. JUnit Test Cases</u> | 21/Feb/2005 | 22/Feb/2005 | 8 hours |
|  <u>T3.2. Script Parsing</u> | 28/Feb/2005 | 05/Mar/2005 | 5 days |
|   <u>S3.2.1. Script Parser Ant Target</u> | 28/Feb/2005 | 28/Feb/2005 | 1 hours |
|   <u>S3.2.2. Error Reporting</u> | 01/Mar/2005 | 02/Mar/2005 | 4 hours |

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|---|-------------|-------------|-----------|
|   <u>S3.2.3. JUnit Test Cases</u> | 02/Mar/2005 | 03/Mar/2005 | 8 hours |
|  <u>T3.3. Script Processing</u> | 07/Mar/2005 | 12/Mar/2005 | 5 days |
|   <u>S3.3.1. Script Processing Ant Target</u> | 07/Mar/2005 | 07/Mar/2005 | 1 hours |
|   <u>S3.3.2. Code Generation</u> | 08/Mar/2005 | 11/Mar/2005 | 3 days |
|   <u>S3.3.3. JUnit Test Cases</u> | 11/Mar/2005 | 12/Mar/2005 | 8 hours |
|  <u>T3.4. Graphics Rendering Engine</u> | 14/Mar/2005 | 24/Mar/2005 | 10 days |
|   <u>S3.4.1. Graphics Rendering Engine Ant Target</u> | 14/Mar/2005 | 14/Mar/2005 | 1 hours |
|   <u>S3.4.2. JUnit Test Cases</u> | 14/Mar/2005 | 15/Mar/2005 | 8 hours |
| <u>O.4. Design and development of the JGSL user interface for batch and interactive processing</u> | 28/Mar/2005 | 21/Apr/2005 | Milestone |
|  <u>T4.1. Batch Processor</u> | 28/Mar/2005 | 07/Apr/2005 | 10 days |
|   <u>S4.1.2. JUnit Test Cases</u> | 14/Mar/2005 | 15/Mar/2005 | 8 hours |
|   <u>S4.1.1. Batch Processor Ant Target</u> | 28/Mar/2005 | 28/Mar/2005 | 1 hours |
|  <u>T4.2. Interactive GUI</u> | 11/Apr/2005 | 21/Apr/2005 | 10 days |
|   <u>S4.2.1. Interactive Processor Ant Target</u> | 11/Apr/2005 | 11/Apr/2005 | 1 hours |
|   <u>S4.2.2. JUnit Test Cases</u> | 11/Apr/2005 | 12/Apr/2005 | 8 hours |
| <u>O.5. Development of test cases</u> | 25/Apr/2005 | 27/Apr/2005 | Milestone |
|  <u>T5.1. Execute Test Cases</u> | 25/Apr/2005 | 27/Apr/2005 | 2 days |
| <u>O.6. Development of API Documentation</u> | 28/Apr/2005 | 29/Apr/2005 | Milestone |
|  <u>T6.1. Generate JavaDocs</u> | 28/Apr/2005 | 29/Apr/2005 | 1 days |
| <u>O.7. Development of User Documentation</u> | 29/Apr/2005 | 12/May/2005 | Milestone |
|  <u>T7.1. Project Build Manual</u> | 29/Apr/2005 | 02/May/2005 | 3 days |

| Task Name | Start Date | End Date | Duration |
|---|-------------|-------------|-----------|
|  <u>T7.2. JGSL Command Line User's Guide</u> | 03/May/2005 | 06/May/2005 | 3 days |
|  <u>T7.3. Visual JGSL User's Guide</u> | 09/May/2005 | 12/May/2005 | 3 days |
| <u>O.8. Release JGSL</u> | 16/May/2005 | 20/May/2005 | Milestone |
|  <u>T8.1. Check JGSL into java.net CVS</u> | 16/May/2005 | 16/May/2005 | 2 hours |
|  <u>T8.2. Upload JGSL installation file to https://jgsl.dev.java.net/</u> | 16/May/2005 | 16/May/2005 | 2 hours |
|  <u>T8.3. JGSL project demonstration</u> | 18/May/2005 | 18/May/2005 | 3 hours |
|  <u>T8.4. Deliver JGSL project to CS department</u> | 20/May/2005 | 20/May/2005 | 1 hours |

