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| nscl.PNG | National Superconducting Cyclotron Laboratory | msu.png |

Requirements Documentation

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|  |  |
| Project Name | Formal Software Engineering Processes |
| Project Code | FSEP |
| Account |  |
| Department | EE |
| Project Manager | Vasu V |
|  |  |

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| --- | --- | --- | --- |
|  | Name | Signature | Date |
| Prepared By | Vasu V |  |  |
| Reviewed By | John V |  |  |
| Approved By | John V |  |  |

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Author | Description |
| 1.0 | 7/13/09 | Vasu V | Initial requirements |
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# Requirements

|  |  |
| --- | --- |
| **ID** | **Description** |
| 1 | Develop and document a set of processes that formalize the development of software systems |
| 2 | The processes should be congruent with the environment and culture at NSCL. They should not be so rigid as to stifle creativity, and must not be overly burdensome with respect to time and resources. |
| 3 | Develop templates for the documents required by the processes |
| 4 | Recommend a set of tools that will help with the implementation of the processes |
| 5 | Implement the processes with at least one software development project |
| 6 | Provide training for the team |
| 7 | Migrate the existing software applications to conform to the new processes |

# Requirements Management Plan

* Requirements will be gathered through discussions with the stakeholders, and looking at some of the existing applications
* Any changes in the requirements, during the execution of the project, must be discussed with the sponsor

# Requirements Traceability Matrix

|  |  |
| --- | --- |
| **ID** | **Source** |
| 1 | John V |
| 2 | John V |
| 3 | John V |
| 4 | John V |
| 5 | John V |
| 6 | John V |
| 7 | John V |