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

Project Scope Document

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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 scope |
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# Project Description

The project will define a set of processes for software development and maintenance activities at NSCL EE Department.

# In Scope

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| --- | --- | --- |
| Goals | Requirements | Deliverables |
| * Define the software development and maintenance processes * Develop the relevant artifacts and templates: Software Requirement Specifications, Software Architecture/Design, Test Plan, Coding standards, User Manuals etc * Recommend the tools: Requirements management, Design, Configuration management, Automated testing, Quality checkers, Defect tracking etc * Implement the processes * Provide training for the team * Evaluate the improvement in capability/maturity | * The project will address all phase of software development lifecycle (SDLC) * The process model must be chosen based on the environment and culture at NSCL * The processes must be suitable for the R&D environment. They must not be overly rigid. | * Process definitions (in MS Word format) * Document templates (in MS Word format) * Report on tool recommendations * Process database * Training Material |
|  |  |  |

# Out of Scope

* Tools that help with the process work-flows will not be developed as part of this project
* The processes will be limited to the EE Department and not NSCL as whole