Change Request Form

|  |  |  |  |
| --- | --- | --- | --- |
| Project Name | Dr. Java/MOCD | Date | **03/15/19** |
| Project Number | 3 | Requestor | Tina Pazaj |
| Project Manager | Jensen Hung | Project Owner | Dave Bockus |

| Describe the Requested Change |
| --- |
| Change initial source extraction algorithm accommodate large directory size and other documents | |
|  | |
|  | |

| Describe the Reason for the Request | |
| --- | --- |
| To compare against a large document storage in minimal time, convert from typical linear time to a | |
| fixed time regardless the size and number of documents within the database. Changing the | |
| algorithm allows for large document comparison in minimal time. | |
| Describe Alternative Options | |
| Risk Identification/Analysis | |
| Possibility of an increase in bugs and initial freezing. The more files the more the risk of freeze and | |
| crashing. This would be an unlikely issue if the user has the recommended RAM specified in instal | |
| lation. | |
|  | |
| Impact Analysis | |
| Work Products to be Modified | Version Number |
| 1. System’s initial source extraction algorithm | 1.0 |
| 2. |  |
| 3. |  |
| *Describe the impact of the suggested change to work that is already complete.* | |

| Quality Impact | | | |
| --- | --- | --- | --- |
| Additional Quality Assurance or Quality Control Activities | | | |
| 1. Increase in QA testing required to ensure system can handle large file size and documents | | | |
| 2. | | | |
| 3. | | | |
| *Describe the impact of the change to quality assurance activities and quality control activities.* | | | |
| Schedule Impact | | | |
| New Deliverables Description | Effort Hours | Date Required | Impact to Other Delivery Dates |
| 1. Update initial algorithm | 5 | 27/03/19 | Completing DB |
| 2. |  |  |  |
| 3. |  |  |  |
| *Based on the impact, state the estimated date for implementing the requested change. State the new estimated project completion date.* | | | |

| Budget Impact | | | |
| --- | --- | --- | --- |
| New Deliverables Description | Lessen or Eliminate Other Expenses? Please describe. | Cost of New Deliverable | Total |
| 1. Increase in testing |  |  |  |
| 2. Possible increase in bug fixes |  |  |  |
| 3. |  |  |  |
| *Describe the overall impact to budget/cost.* | | | |

| Decision | | | | |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  | Approved |  | Rejected |
|  |  |  |  |  |
|  | X | Approved with modifications |  | Deferred |
|  |  |  |  |  |
| Justifications | | | | |
|  | | | | |
| *Additional Comments* | | | | |
|  | | | | |

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Approver’s Printed Name Date

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Title

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Signature

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