# Implementation Plan

## Resource Breakdown

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| --- | --- | --- | --- | --- |
| **TASK** | **Start Date** | **End Date** | **Duration** | **Assign** |
| Steering committee organized | 1/11/2016 | 1/12/2016 | 30 | Tey, Victor |
| Implementation plan distributed | 1/11/2016 | 1/12/2016 | 30 | Tey, Victor |
| Technical review on project scope | 1/12/2016 | 10/01/2017 | 40 | Tey, Victor |
| CSIRO Schema 2.0 + Database design | 1/11/2016 | 10/01/2017 | 70 | Devaraju, Anusuriya |
| IGSN Internation Schema | 1/11/2016 | 10/01/2017 | 70 | Klump, Jens |
| Implementation of schema update | 10/01/2017 | 1/03/2017 | 50 | Tey, Victor |
| Curtin schema analysis(design new as required) | 10/01/2017 | 1/03/2017 | 50 | Devaraju, Anusuriya/Curtin |
| Curtin IGSN registry deployed | 1/03/2017 | 1/06/2017 | 92 | Tey, Victor/Curtin |
| IGSN National portal update, transparent search across organization | 1/03/2017 | 1/06/2017 | 92 | Woodman, Stuart |

## Task Breakdown

|  |  |
| --- | --- |
| Assign | Task |
| Steering committee organizedImplementation plan distributed  |  |  | | --- | --- | | 1/11/2016 | 1/12/2016 |  Tey, Victor | * Setup steering committee * Provide draft of implementation plan * Manage feedback |
| Technical review on project scope  |  |  | | --- | --- | | 1/12/2016 | 10/01/2017 |  Tey, Victor | * Review and deliver migration plan from the existing IGSN registry * Review through new schema * Software design |
| CSIRO Schema 2.0 + Database design  |  |  | | --- | --- | | 1/11/2016 | 10/01/2017 |  Devaraju, Anusuriya | * Provided updated schema on which the new igsn registration will be based on in CSIRO * Provide relevant database model in postgres. |
| IGSN Internation Schema  |  |  | | --- | --- | | 1/11/2016 | 10/01/2017 |  Klump, Jens | * Provide final revision of the international IGSN schema for IGSN data delivery |
| Implementation of schema update  |  |  | | --- | --- | | 10/01/2017 | 1/03/2017 |  Tey, Victor | * Update the IGSN registry based on the updated schema * Migrate existing data to the new schema |
| Curtin schema analysis(design new as required)  |  |  | | --- | --- | | 10/01/2017 | 1/03/2017 |  Devaraju, Anusuriya/Curtin(Warick?) | * Align the schema we use to fit Curtin data * If the meta-data is misalign, design a suitable schema for Curtin |
| Curtin IGSN registry deployed  |  |  | | --- | --- | | 1/03/2017 | 1/06/2017 |  Tey, Victor/Curtin(Warick?) | * Curtin will be required to provide at this stage   + a tomcat 8 server with Java 8   + Postgres database with postgis   + LDAP user for registration authentication purposes(if this is not possible, we can use username and password stored in database)   + Network security will be managed by Curtin * Victor will provide assistance and documentation in deployment, user guide and example code in Java/.net will be provided for sample registration |
| IGSN National portal update, transparent search across organization  |  |  | | --- | --- | | 1/03/2017 | 1/06/2017 |  Woodman, Stuart | * The current portal uses panFMP to manage oai-pmh harvesting. panFMP catalogue and index each sample as a text repository via lucene. Stuart’s role would be to update the portal configuration to the latest schema. * At present, the portal is unable to transparently search through all the repository. Check on the feasibility of achieving this. Some of the option are:   + Upgrade to panFMP 2.0(not released yet but supports multi-repo)   + Manage this in code however take note of the page   + Change UI to Multitab display, a tab per repository. * The existing portal can be viewed on igsn2.csiro.au |