

|  | Task Name ▾                                              | Duration ▾ | Start ▾     | Finish ▾    | Predecessors ▾ | Resource Names ▾                                   |
|-----------------------------------------------------------------------------------|----------------------------------------------------------|------------|-------------|-------------|----------------|----------------------------------------------------|
|                                                                                   | ▸ PHASE 1 - Project Management Workflow                  | 26 days    | Mon 1/14/08 | Mon 2/18/08 |                |                                                    |
|                                                                                   | ▸ Setup Project Management Tools                         | 1 day      | Mon 1/14/08 | Mon 1/14/08 |                | Branden[13%]                                       |
|                                                                                   | Setup user accounts                                      | 1 day      | Mon 1/14/08 | Mon 1/14/08 |                |                                                    |
|  | Write Project Plan                                       | 2 days     | Wed 2/13/08 | Thu 2/14/08 | 3              | Kim,Craig                                          |
|                                                                                   | ▸ Define Requirements for Library                        | 2 days     | Fri 2/15/08 | Mon 2/18/08 | 4              |                                                    |
|                                                                                   | Requirements Meeting                                     | 1 day      | Fri 2/15/08 | Fri 2/15/08 |                | Branden[13%],Jonathan[13%],Robert[13%],Trevor[13%] |
|                                                                                   | ▸ Define Basic Functionalities                           | 1 day      | Fri 2/15/08 | Fri 2/15/08 |                |                                                    |
|                                                                                   | Provide web-based index of library                       | 1 day      | Fri 2/15/08 | Fri 2/15/08 |                |                                                    |
|                                                                                   | Provide Plone user role of Librarian                     | 1 day      | Fri 2/15/08 | Fri 2/15/08 |                |                                                    |
|                                                                                   | Allow Librarians to add and remove resources             | 1 day      | Fri 2/15/08 | Fri 2/15/08 |                |                                                    |
|                                                                                   | ▸ Define Advanced Functionalities                        | 1 day      | Fri 2/15/08 | Fri 2/15/08 |                |                                                    |
|                                                                                   | Provide Plone workflow that manages states               | 1 day      | Fri 2/15/08 | Fri 2/15/08 |                |                                                    |
|                                                                                   | Allow Librarians to check resources out                  | 1 day      | Fri 2/15/08 | Fri 2/15/08 |                |                                                    |
|                                                                                   | Notify users of overdue resources                        | 1 day      | Fri 2/15/08 | Fri 2/15/08 |                |                                                    |
|                                                                                   | Index and manage digital resources                       | 1 day      | Fri 2/15/08 | Fri 2/15/08 |                |                                                    |
|                                                                                   | Query Amazon's API for metadata                          | 1 day      | Fri 2/15/08 | Fri 2/15/08 |                |                                                    |
|                                                                                   | Keep track of library stats                              | 1 day      | Fri 2/15/08 | Fri 2/15/08 |                |                                                    |
|                                                                                   | Discuss possible scenarios in which library will be used | 1 day      | Fri 2/15/08 | Fri 2/15/08 |                | Branden[13%],Trevor[13%],Jonathan[13%],Robert[13%] |
|                                                                                   | Design objects                                           | 2 days     | Fri 2/15/08 | Mon 2/18/08 |                | Branden[25%],Trevor[25%],Jonathan[25%],Robert[25%] |
|                                                                                   | Define relationships between objects                     | 2 days     | Fri 2/15/08 | Mon 2/18/08 |                | Branden[25%],Trevor[25%],Jonathan[25%],Robert[25%] |
|                                                                                   | Define user actions                                      | 2 days     | Fri 2/15/08 | Mon 2/18/08 |                |                                                    |
|                                                                                   | ▸ PHASE 2 - Design Requirements and Pre-implementation   | 23.25 days | Tue 2/19/08 | Fri 3/21/08 |                |                                                    |
|  | Adapt development tools to Plone                         | 23.25 days | Tue 2/19/08 | Fri 3/21/08 | 21             | Branden,Jonathan,Robert,Trevor                     |
|                                                                                   | Learn Development Tools                                  | 14 days    | Tue 2/19/08 | Fri 3/7/08  | 21             | Branden[25%],Jonathan[13%],Robert[25%],Trevor[13%] |
|                                                                                   | Learn Plone                                              | 7 days     | Tue 2/19/08 | Wed 2/27/08 | 21             | Branden[25%],Jonathan[13%],Robert[25%],Trevor[25%] |
|                                                                                   | Find related Plone applications for reference            | 7 days     | Tue 2/19/08 | Wed 2/27/08 | 21             | Branden[25%],Jonathan[25%],Robert[13%],Trevor[13%] |
|                                                                                   | Learn Plone-specific development tools                   | 14 days    | Tue 2/19/08 | Fri 3/7/08  | 21             | Branden[50%],Jonathan[25%],Robert[13%],Trevor[25%] |

|   |                                                  |         |             |             |    |                                                    |
|---|--------------------------------------------------|---------|-------------|-------------|----|----------------------------------------------------|
|   | ➤ PHASE 3 - Begin Code Implementation of Objects | 66 days | Mon 3/10/08 | Mon 6/9/08  |    |                                                    |
| ✚ | Objects can be created, modified, and deleted    | 5 days  | Mon 3/10/08 | Fri 3/14/08 | 27 | Branden[50%],Jonathan[50%],Robert[50%],Trevor      |
| ✚ | Define user permissions                          | 5 days  | Mon 3/10/08 | Fri 3/14/08 | 27 | Trevor[50%],Robert[50%],Jonathan[50%],Branden[50%] |
| ✚ | Object status can be changed                     | 5 days  | Mon 3/10/08 | Fri 3/14/08 | 27 | Branden,Jonathan,Robert[50%],Trevor[50%]           |
| ✚ | Object info can be querying Amazon by ISBN       | 7 days  | Mon 3/10/08 | Tue 3/18/08 | 27 | Branden,Jonathan,Robert,Trevor                     |
|   | ➤ Object Representation                          | 31 days | Wed 3/19/08 | Wed 4/30/08 |    |                                                    |
| ✚ | To user (2 modes, thumbnail and text-only)       | 31 days | Wed 3/19/08 | Wed 4/30/08 | 32 | Branden,Jonathan,Robert,Trevor                     |
|   | ➤ Documentation                                  | 28 days | Thu 5/1/08  | Mon 6/9/08  |    |                                                    |
|   | Requirements                                     | 7 days  | Thu 5/1/08  | Fri 5/9/08  | 34 | Craig,Kim                                          |
|   | Design document                                  | 7 days  | Mon 5/12/08 | Tue 5/20/08 | 36 | Craig,Kim                                          |
|   | Overall "post-mortem" report                     | 14 days | Wed 5/21/08 | Mon 6/9/08  | 37 | Craig,Kim                                          |
|   | ➤ PHASE 4 - Testing                              | 27 days | Tue 6/10/08 | Wed 7/16/08 |    |                                                    |
|   | Test Plan                                        | 7 days  | Tue 6/10/08 | Wed 6/18/08 | 38 |                                                    |
|   | Object Testing                                   | 14 days | Thu 6/19/08 | Tue 7/8/08  | 40 |                                                    |
|   | User permission testing                          | 14 days | Thu 6/19/08 | Tue 7/8/08  | 40 |                                                    |
|   | Project integration testing                      | 20 days | Thu 6/19/08 | Wed 7/16/08 | 40 |                                                    |