The following is an initial list of use cases[1] intended to outline the scope/functional requirements of the proposed system. The level of detail expressed here is crucial because too much detail could hurt the iterative nature of our requirements gathering process. What is important here is to identify the need for the use case describe in two or three sentences what is involved and move on.

Use Case Survey (Draft thus far)

Use case number - 001

Use case name: Downloads available code samples, software developers kits, drivers, plug-ins tools and packaged collections of project downloads

Initiating Actor(s): User, Committer, Contributor, Plug –In Developer

Brief description: Initiating actor activates a link or button to download available code samples, packaged collections and project downloads. Types of files may include: **.exe. *.zip, .rar) The Initiating actor activates the download link to review the existing attachment.

Indication of the complexity: low

Architectural priority: High

Project priority: High

Dependencies: the appropriate files have been posted to the website

Other comments: It is not clear what the difference between downloading a 'file' and downloading a 'project'

Use case number – 002

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[1] Use cases are to identify, clarify, and organize system requirements (In this case the web site and administration interface). The use case is made up of a set of possible sequences of interactions between the web site, administrators and users   The use case should contain all system activities that have significance to the administrators and users. A use case can be thought of as a **collection of possible scenarios** related to a particular goal or function.

A use case (or set of use cases) has these characteristics:

- **Organizes 'functional' requirements**
- **Models the goals of system/actor (user) interactions**
- **Records paths (called *scenarios*) from trigger events to goals**
- **Describes one main flow of events (also called a basic course of action), and possibly other ones, called *exceptional* flows of events (also called alternate courses of action)**
- **Is multi-level, so that one use case can use the functionality of another one.**

Use case name: Site Wide-Search

Initiating Actor(s): User, Committer, Contributor, Plug –In Developer, Member

Brief description: Initiating actor enters a search query into a search field. A list of all matching documents and attachments is returned to the actor. The actor can browse and activate the linked items and review the appropriate document and/or attachment in context.

Indication of the complexity: medium

Architectural priority: High

Project priority: High

Dependencies: the search application has indexed the site content to filter the results appropriately

Other comments: at this time the recommendation is to have google be used for the site wide search

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Use case number - 003

Use case name: Browse Site Map

Initiating Actor(s): User, Committer, Contributor, Plug –In Developer, Member

Brief description: Initiating actor browses a category in a site index function. A list of all subcategories and/or documents contained in that category is revealed to the initiating actor. The actor can browse and/or review the appropriate subcategories and/or links and activate the links view the content in context.

Indication of the complexity: medium

Architectural priority: High

Project priority: High

Dependencies: The developer defines a query to retrieve all files and folders. This query updates the site map in runtime as content is published to the production environment.

Other comments: N/A

Use case number - 004

Use case name: Scroll News Portlets

Initiating Actor(s): User, Committer, Contributor, Plug –In Developer, Member

Brief description: Initiating actor browses and reviews a news portlet of a particular page on the web site. (For example: the home page can display the "10" most recent headlines in a community news list containing "40" headlines) The initiating actor can browse this list of headline links without actually leaving the page. Once the actor has viewed the appropriate headline link he can activate it and view it in context.

Indication of the complexity: High

Architectural priority: High

Project priority: High

Dependencies: The developer defines a query to retrieve all headlines within the appropriate news section and display them in a portlet.

Other comments: This function is needed to maximize on page real estate and provide access to headlines in several places on the main and/or project sites.

Use case number – 005 - A

Use case name: Create new web content

Initiating Actor(s): Content Creator

Brief description: Initiating actor creates content for the web site to be reviewed and approved in a non-public (DEVELOPMENT) environment

Indication of the complexity: High

Architectural priority: High

Project priority: High

Dependencies: The developer defines separate environments for content creation. Workflow is in place for approvals. The DEVELOPMENT and STAGING environments are accessible to Content Creators, Approval Managers and Users with read/Write Access. Granular Security is in place to manage this R&W access. The developer also defines a browser enabled CMS interface for web content creation

Other comments:

Use case number – 005 - B

Use case name: Preview newly created content applicable environment

Initiating Actor(s): Content Creator

Brief description: Initiating actor chooses "preview page" option to view newly created content in context

Indication of the complexity: High

Architectural priority: High

Project priority: High

Dependencies: The CMS has a preview page option for previewing content.

Other comments:

Use case number – 005 - C

Use case name: Publish content for approval in applicable environment

Initiating Actor(s): Content Creator

Brief description: Initiating actor publishes content to the [STAGING} environment for approval, or if content has been approved to the [PRODUCTION] environment for public viewing. (Once the article has approved, the initiating actor needs to publish the content to a second "test" environment (User Acceptance Testing) for testing and and/or approval for publishing to a "public" (PRODUCTION) environment for public consumption.)

Indication of the complexity: High

Architectural priority: High

Project priority: High

Dependencies: The developer defines separate environments for content publishing and/or approvals. Workflow is in place for approvals

Other comments:

Use case number - 006

Use case name: Subscribe for specific newsletters

Initiating Actor(s): User, Committer, Contributor, Plug –In Developer, Member

Brief description: Initiating actor activates a link to a "role specific" newsletter. The initiating actor selects a checkbox for "HTML" or "TEXT" enters their email and activates a link or button to subscribe to the newsletter.

Indication of the complexity: *medium*

Architectural priority: High

Project priority: High

Dependencies:

Other comments:

Use case number - 007

Use case name: Process email form submissions

Initiating Actor(s): User, Committer, Contributor, Plug –In Developer, Member

Brief description: Initiating actor activates an email link to write an inquiry about the web site and/or its content. An email form pops up with required fields (e.g. subject, date, etc…) to direct the email to the appropriate contact.

Indication of the complexity: low

Architectural priority: High

Project priority: High

Dependencies: Workflow is in place to direct the email to the appropriate contact.

Other comments: N/A

Use case number - 008

Use case name: Track changes via RSS Feeds

Initiating Actor(s): User, Committer, Contributor, Plug –In Developer

Brief description: Initiating actor retrieves an RSS feed that provides change tracking information. (E.g. release changes, architectural changes, API changes) The initiating actor can activate a link in the RSS feed and review the content in context.

Indication of the complexity: medium

Architectural priority: High

Project priority: High

Dependencies: The developer creates an RSS feed that indicates new information (via an icon, date, etc.)

Other comments: N/A

Use case number - 009

Use case name: Post information via collaborative tools

Initiating Actor(s): User, Committer, Contributor, Plug –In Developer

Brief description: Initiating actor post discussion information to a collaborative tool (E.g. a newsgroup discussion) via the web site

Indication of the complexity: Medium

Architectural priority: High

Project priority: High

Dependencies: The developer provides a link to the newsgroup that the actor can activate in order to create the posting.

Other comments: suggested collaborative tools at this time include: fourms, newsgroups, BLOGS, Wikis and mail list

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Use case number - 010

Use case name: Access developer tools

Initiating Actor(s): User, Committer, Contributor, Plug –In Developer

Brief description: Initiating actor activates a site link that provides access to CVS and/or Bugzilla

Indication of the complexity: Medium

Architectural priority: High

Project priority: High

Dependencies: The developer provides a link to the appropriate tool(s) the actor needs access to. The initiating actor should have appropriate access to the tool

Other comments:

Use case number - 011

Use case name: Access 3rd party tools, support and/or plug-ins

Initiating Actor(s): User

Brief description: Initiating actor browses the web site for a link (in context) to a third party tool

Indication of the complexity: Low

Architectural priority: High

Project priority: High

Dependencies: The developer provides a link to the appropriate third party web site the actor needs access to. The third part web site provides a link to the file download.

Other comments: In order for this use case to be successful, the Eclipse web site must provide content that places this link in context (i.e. a brief description of the tool, which manages and provides it)

Use case number - 012

Use case name: Registering BLOGS through an administrator interface

Initiating Actor(s): User, Committer, Contributor, Plug –In Developer

Brief description: Initiating actor creates a BLOG and wishes to register it on the Eclipse.org web site

Indication of the complexity: Medium

Architectural priority: Medium

Project priority: High

Dependencies: The developer provides an interface for registering BLOGS.

Other comments:

Use case number - 013

Use case name: Rank Site Content and/or Pug-ins

Initiating Actor(s): User, Committer, Contributor, Plug –In Developer

Brief description: Initiating actor reviews web site content (i.e. plug-in, article, books, project, etc…) on reviewing the content the initiating actor activates a provided link to collect user ratings filling in appropriate fields and selecting desired rating.

Indication of the complexity: Medium

Architectural priority: Medium

Project priority: Medium

Dependencies: The developer provides a link to the appropriate third party web site the actor needs access to. The third part web site provides a link to the file download.

Other comments:

Use case number - 014

Use case name: Search the newsgroup archive

Initiating Actor(s): User, Committer, Contributor, Plug –In Developer, member

Brief description: The initiating actor activates a newsgroup search to narrow search results on a particular subject. The initiating actor enters a search query (single terms or phrases) and activates a link that results in a list of newsgroups discussion sorted by relevancy and/or date.

Indication of the complexity: High

Architectural priority: Medium

Project priority: High

Dependencies: The search application has indexed the newsgroup discussions appropriately

Other comments:

Use case number - 015

Use case name: Subscribe to specific RSS (Really Simple Syndication) feeds

Initiating Actor(s): User, Committer, Contributor, Plug –In Developer, member

Brief description: Initiating Actor activates a link and/or button to have a "user specific" RSS feed delivered in and RSS reader or aggregator

Indication of the complexity: Medium

Architectural priority: Medium

Project priority: High

Dependencies: The initiating actor has a RSS reader or aggregator

Other comments: