**PSR Phase II**

**reviewer\_info:**

This Structure contains two variable name and decision.

**Spec:**

Spec class contains all the details of different documents like (docSRS, docFS….etc)

**PSR\_project:**

This class contains all the details of DevProject item revision attributes like (dev manager, Domain Manager……etc) .this class contains all getter methods as well as constants all the properties.

**get\_pbp\_info (char\* item\_id):**

This method will get all details of MyPLM properties (devManager name and email, domainManager name and Email.....etc) attached to development project item revision. The properties are also set the class variables that are specified in PSR Project

**PSR\_Project::get\_pbp\_info (tag\_t rev\_tag):**

This method will get dependent projects of current development project item revision.

This method also gets the child items and its revisions attached to the development project item revision.

**PSR\_Project::get\_proj\_info (tag\_t child\_rev\_tag, char item\_type [ITEM\_type\_size\_c+1], int tds\_ctr, bool \*is\_incremented):**

This method validate the item types of document (SRS, FS, SDD, PTP..Etc) attached to development project item revision. To get work flow details attached to each document from this method get\_spec\_info.

**get\_spec\_info(tag\_t rev\_tag):**

Getting info of different release status and its reviewer info as follows:

There are two types of releases attached to the different doc items

1. **Process\_stage\_list:** any item it contains Process\_stage\_list it will be in review and pending.

To get details of reviewer info as following steps:

1) To get the details of tasks attached to process stage list from the query of item property (Process\_stage\_list).

2) Process stage list contains different tasks.

3) Any one of task to get the root task. This root task is same for all tasks.

4) From root task to get job. This job is same for all tasks.

5) Review task contains all signoff details so get all review tasks attached to this job.

6) For each review task will get all signoff details like reviewer name, decision and date.

7) Based on the reviewer decision will populate pending signoffs or reject signoffs.

All signoff details will be stored in vector of reviewer\_info structure

1. **Rlease\_status\_list:** if any item contains it is work flow it has some release status. If it won’t have any Process\_stage\_list this item is approved.

To get the signoff detains for this item as follows:

1) To get the details of tasks or jobs attached to release status list from the simple query of item revision property (Rlease\_status\_list).

2) Release status List contains different tasks or jobs

3) For all jobs contains same signoff details.

4) To get signoff details like reviewer name, decision and date from any of the job.

5) Based on the reviewer decision will populate pending signoffs or reject signoffs

all signoff details will be stored in vector of reviewer\_info structure

Static void display\_pbpinfo (PSR\_Project \* s1):

This method will get all details available in the above methods and print in files

Madavi: To change all naming conventions and add the pending tasks I have updated in email