

LABORATORIO DE SOFTWARE

GUIA DE DESARROLLO DE MODULAR DE PROYECTOS WEB

V 1.0

Enero 2018

**GUÍA DE DESARROLLO MODULAR / PSP / MVC**

1. El presente estandar sirve para desarrollar un proyecto bajo la programación modular dentro del Proceso Personal de Desarrollo de Software usando el Modelo Vista Controlador.
2. Como requerimientos previos al desarrollo se necesita:
   1. Desarrollar el diseño conceptual del módulo que permita conocer de manera general una planeación de la parte a desarrollar, así como embonará en el proyecto final.
   2. Genera un proyecto en PSP Dashboard en la versión 2.1, que permita gestionar el Desarrollo del Proyecto del Software en este Módulo.
3. Seguir la siguiente guía de Entregables:

|  |  |  |
| --- | --- | --- |
| **Process** | **Forms, Templates, Standards, and Instructions** | Checklist |
| Requirements | Documented requirements statement | X |
|  | Sketchboard web | X |
|  | ER-Diagram | X |
| Planning | Project Plan Summary form | X |
|  | Size Estimating template | X |
|  | Task and Schedule Planning templates | X |
|  | Program conceptual design | X |
|  | Estimated defect data | X |
|  | time and size prediction intervals (PROBE) | X |
| Design | Functional Specification |  |
|  | Operational Specification |  |
|  | Use Case Diagram and specification | X |
|  | Sequence Diagram | X |
|  | StateCharat Diagram |  |
|  | Relational Diagram Complete | X |
|  | Data Dictionary | X |
|  | Data Base Design | X |
|  | Screenshots of Web View design. | X |
| Review Design | Design Review Checklist | X |
|  | User Review | X |
|  | Modify to Web View | X |
|  | Acceptance User | √ |
| Code | Coding Standard Review | X |
|  | Code | X |
|  | Unit Test of Coder | X |
| Code Review | Code Review Checklist | X |
|  | Coding Standar Verifing | X |
|  | Unit Test of Coder | X |
| Compile | Server Config | X |
|  | Sources synchronization | X |
|  | DataBase synchronization | X |
| Test | Test Report Template | X |
|  | Integral Test of User | X |
|  | Test Result | X |
| Postmortem | Time Recording Log | X |
|  | Defect Recording Log | X |
|  | Defect Type Standard | X |
|  | PIP | X |
|  | Size Estimating Complete | X |
|  | Schedule Planning Complete | X |
|  | Task Planning Complete | X |