**TSPi Process Improvement Proposal - Form PIP**

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| Name | Jenny Giraldo – Juan Castaño – Julian Gaitan – Juan Esteban Gonzalez | | Date | Jun 15 - 2014 |
| Team | Jenny Giraldo – Juan Castaño – Julian Gaitan – Juan Esteban Gonzalez | | Instructor |  |
| Part/Level |  | | Cycle |  |
| Process |  | Phase | Primera Iteración | |

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| PIP Number | 01 | | Priority | |  | |
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| **Problem Description:** | | | | | | |
| Se encuentra dentro de la evaluación y valoración de requerimientos y diseño, frecuentes inconsistencias en | | | | | | |
| Diagramas de clases y de casos de uso, llevando a que el proceso de desarrollo se tarde, | | | | | | |
| se vuelva lento y tedioso. | | | | | | |
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| En la codificación se reportan constantes errores en las inconsistencias de los datos debido | | | | | | |
| a la constante actualización y modificación del diseño. | | | | | | |
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| Las inconsistencias en los datos hacía que cada integrante del grupo lo modificara y lo | | | | | | |
| acoplara a sus necesidades, generando al momento de la integración de todas las partes, un | | | | | | |
| colapso del sistema. | | | | | | |
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| **Proposal Description** | | | | | | |
| Describe suggested changes as completely as possible, including affected forms, scripts, etc. | | | | | | |
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| Para los problemas mencionados antes, se plantea la siguiente soluciones recopiladas por el | | | | | | |
| grupo: | | | | | | |
| * Se plantea tener una lista de chequeo generada en los requerimientos para evaluar | | | | | | |
| la consistencia de los datos y establecer un orden desde que se establecen los . | | | | | | |
| requerimientos. | | | | | | |
| * Se establece que todos los cambios que puedan sucitar dentro de la codificación | | | | | | |
| debido a problemas generados desde la fase de diseño, deben ser considerados por | | | | | | |
| el grupo, antes de llevarse a una modificación. | | | | | | |
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|  | | | | | | |
| **When completed, submit PIP to the Quality/Process Manager and keep a copy.** | | | | | | |
| **Do not write below this line** | | | | | | |
| PIP Control # | |  | | Organization | |  |
| Received | |  | | Acknowledged | |  |
| Updated | |  | | Closed | |  |
| Changes | |  | | | | |
|  | |  | | | | |
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**TSPi Process Improvement Proposal Instructions - Form PIP**

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| **Purpose** | * To record process problems and improvement ideas * To provide an orderly record of your process improvement ideas for use in process improvement |
| **General** | Use the PIP form to   * record process improvement ideas as they occur to you * establish priorities for your improvement plans * describe lessons learned and unusual conditions   Keep PIP forms on hand while using the TSPi.   * Record process problems even without proposed solutions. * Submit the PIPs for use in process improvement. |
| **Header** | * Enter your name, date, team name, and instructor's name. * Name the part or assembly and its level. * Enter the cycle number. * Enter the process and process phase where appropriate. |
| **PIP Number** | * Use for your own identification purposes. |
| **Priority** | * Indicate if PIP priority is urgent, normal, or routine. * Under problem description give the reason for the priority. |
| **Problem Description** | Describe the problem as clearly as possible:   * the difficulty encountered * the impact on the product, the process, and you   Include related problems if relevant. |
| **Proposal Description** | * Describe your proposed process improvement as explicitly as possible. * Where possible, reference the specific process elements impacted and the words or entries to be changed. * Where several problems are listed, indicate the problem(s) each proposal relates to. |
| **When Completed** | After you have completed the PIP   * keep a copy * submit a copy to the Quality/Process Manager |
| **Quality/Process Manager** | Use the space at the bottom of the PIP form to track PIP status.  Review all PIPs and   * acknowledge receipt * group duplicates and related PIPs together * identify high priority PIPs   Submit PIP copies to the instructor |