Release Notes for PSP Student Workbook

For versions 20060818 to 20100615

PSP Student Workbook 2010615d
1. Fix - in making earlier changes, the link to the PSP_Charts_MethodASize subform on the PSP_SET_MethA_subform became corrupted causing the method A size chart not to display, removed and reinstalled the subform fixed the problem.
2. Fix - in Access 2007 & 2010 labels for the Probe parameters did not display correctly because the font was too large for the control size. Fixed by changing the font type from MS san serif to Arial.

PSP Student Workbook 2010615c
1. Fix - in Access 2007 & 2010, many numbers on the PROBE calculation worksheet display as "#########" instead of the actual number. Fixed by unchecking "check for truncated number fields" under Access 2010 options / current database.
2. Fix - algorithm for getting program number to display on analysis charts did not work in the general case. Changed to: program number = program id - min of program ids + 1 which provides a program number for any program.
3. Fix - in building the previous version an error was introduced into the Processes table, PSP2 and PSP2.1 were set to process type 2, they should have been process type 1. This was corrected.

PSP Student Workbook 2010615b
1. Fix - Picture of SEI on Welcome page is hidden by background graphic in Access 2010. Deleted background graphic on form Welcome.
2. Corrected spelling (organizaiton & finsih) on User Profile.
3. Corrected spelling of 'parameter' (2 instances) on PROBE calculation worksheet.
4. Changed initial focus on program 1 size subform so that Total has focus when form opens to help prevent students from entering the total size in the Base line of the form.
5. On all project plan summary forms added 'units' to labels for time, productivity, and code review rate and standardized abbreviations as: h for hour and min for minute on all items.
6. On analysis charts, replaced Program ID with Program number by trimming leading characters from the program name and limited scale on yield charts to 100.

PSP Student Workbook 2010615a
1. Fix – make visible the code review rate on PSP2.1 plan summary

PSP Student Workbook 2010615
2. Feature – added code review rate to PSP2 and PSP2.1 plan summary

PSP Student Workbook 20100315

   1. Fix - assignment name field in PSPAssgtData in all the databases - Change to 255 chars in PSP Student Workbook-2003.YYYYMMDD.mde and .mdb, PSP Student Workbook_be.mdb, and PSP Assignments_be.mdb

   2. Fix - PSP20 bug where time and defect data can be modified by user but should not be changed after user enters values. Solution: modProgramSize.UpdateProgramSize is re-calculating the defect and time data during planning and also during updating of actual size data on form SET during PM. Modify UpdateProgramSize to not update plan time or plan DI/DR when only actual size values are modified.

 - Add global variable modglobals.blnSETActualSizeValueUpdated

 - Set variable to FALSE when SET is opened

 - Set variable to TRUE using After_Update event for all fields on SET affect actual size

 - Modify modProgramSize.UpdateProgramSize to ignore updates of plan time and defects when modglobals.blnSETActualSizeValueUpdated is true

- reset modglobals.blnSETActualSizeValueUpdated to false at end of UpdateProgramSize

   3. Fix - blank name field in parts on SET is incompatible with parts database. Require name field in parts on SET. Changed the validation rule for name of base, added, and reused parts to <> null. Changed the validation rule for Added Part fields size measure, part type, and relative size to not accept a null.

   4. Fix - Reports that PSP0 size update option isn't working. Unable to reproduce.

   5. Feature - Create a packaged version for Fundamentals/Advanced

   6. Fix - Set navigation buttons to false on all forms where navigation should not be allowed because the Access 2007 navigation buttons include filter and search buttons that allow the user to bypass required filtering. This could have been the source of many unexplained errors on project plan summaries.

7. Feature – In Access 2007, the old packaging tool that adjusts default settings for Tools/Options is no longer available and the new packaging tools does not support this capability. To replace it, added a feature to set application options and properties as required for run time version. Properties are set as follows…
- StartupForm = "Welcome"
- NavigationPane is hidden (Version 12.0 only when welcome form opens)
- StartupShowStatusBar is hidden
- AllowFullMenus is set to false
- AllowShortcutMenus is set to false
- AllowBuiltInToolbars is set to false
- AllowToolBarChanges is set to false
- AllowSpecialKeys is set to false

PSP Student Workbook 20090504
   1. Fixed range calculation - changed PlanE to PlanNC for range calculation in modProgramSize.UpdateProgramSize

PSP Student Workbook 20090316
   1. Fixed chart queries to sort by end date
   2. Changed assignment criteria for PSP2 to allow tool to calculate quality
   3. Changed PSP2 process type to PSP to roll historical data forward

PSP Student Workbook 20061215
   1. At assignment completion, add message to alert student to submit assignment for grading, and how to submit it, esp. on the blended learning system

PSP Student Workbook 20060818
   1. Fix - Dangling part reference when part that is referenced is deleted from the Parts table. Added check for referenced parts
   2. Fix - related to #1, the data source for SET base included unnecessary tables and joins. These were deleted to match the reuse data source
   3. Fix - related to #1 and #2, the part selection drop down for SET base included an unnecessary table and join
   4. Fix - The PSP_Charts_ProjectProgramSizeQuery does not test for PT=0 when calculating time est. error producing a divide by zero error that causes charts that use the query to stop plotting valid data at the row where the error occurs.
   5. Fix - Excel file STUn.xls missing from distribution
   6. Removed dependency on project name used to trigger calculating defects
   7. Fix order of data on time log and defect log to date order
   8. fix - defect log and time log sequence incorrect when defects or time records are entered out of sequence.
   9. fix - restarting projects and resetting completion dates. Changed restart project to replan project. Now only resets historical data.
   10. Add access to user profile from Welcome form

11. Add import user data to support upgrades to Welcome form

PSP Student Workbook 20061007

1. Fix – fixed intermittent problem restoring data with upgrade feature.
2. Fix – Added sort on date then ID to time log and defect log detail
3. Fix – fixed several problems caused by using filters on the defect log, time log, PIP, and test report to select records that match the project id on form project plan summary. Among the problems fixed were write conflicts on the project plan summary, a requery of time and defect logs that reset the record position on these forms or errors resulting from an attempt to write a time or defect record that is missing fields.
4. Fix – added a forced recalculation of project plan after the project replan feature is selected.
5. Fix – locked total plan time field on PSP2.0 project plan summary to prevent erasing time in phase entered by the student. Also disabled this field on all project plan summary forms except PSP0 and PSP0.1
6. Fix – added forced export to student backups on assignment complete
7. Fix – changed all popups to include Ok and Cancel in the tab order as the last two items.
8. Fix – removed prompt for parts update at the completion of PSP0
9. Fix – changed message on import from select file and the upgrade import to show a cancelled message if the use selects cancel in the file dialog.
10. Feature – changed the formatting of those fields that the user enters data into on all project plan summaries

PSP Student Workbook 20061201
1. Fix – error when storing an added part on the size estimating template that has a NULL name field.
2. Fix – The phase order for phases that are displayed on the PSP Project Plan Summary forms were not sorted by phase sequence.
3. Feature – New hidden form "Assignment Setup" gives instructors the capability to define an assignment sequence for PSP courses. The form allows the instructor to add, delete, or modify the assignments in the PSP course. The instructor can define the process, size measure, and project name for each assignment. The instructor can also set either of two options. The *PSP0 Size Update Option* determines where to prompt the student for actual summary size data for a PSP0 program where size data is not collected. The *User Enters Quality Plan* option is used with the first instance of a PSP2 process to allow the student to enter planned time, defects injected and defects removed for their first quality plan.

To create a custom sequence use the following procedure.

1. Hold the shift key down while opening the file PSP Student Workbook.mde.
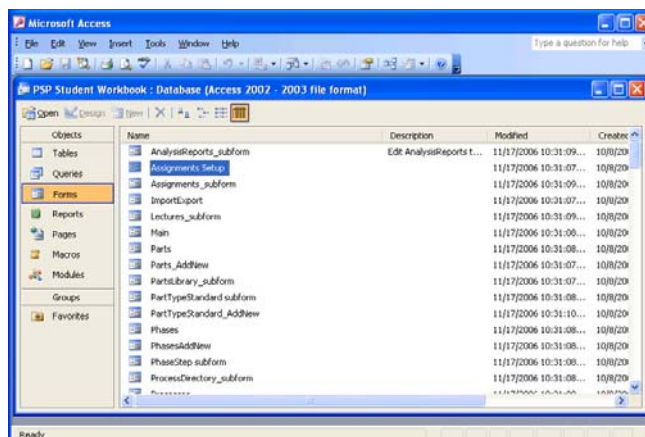
2. Change the assignments information as needed for the course. You may edit, delete, or add assignment records.
3. Click the Create Projects button to generate the projects that the student will complete
4. Open form Main in the database window.
5. Select the Import/Export feature
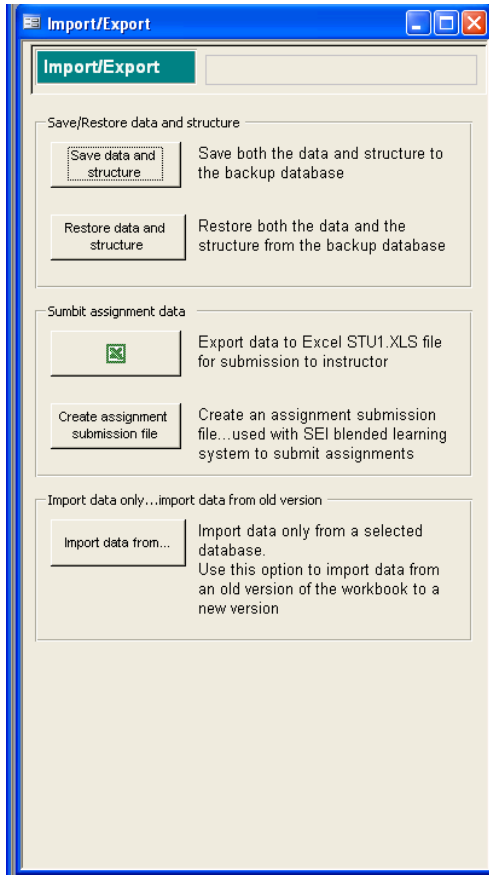
6. Click the first button, *Save data and structure*, to update the backup database with the new assignment sequence.
7. Update the distribution zip file and distribute to students.

When the database window appears select the Forms objects and open the form *Assignments Setup*.

PSP Student Workbook 20061215
1. Changed label "Estimated A&M (E)" to "Estimated Proxy Size (E)" on the plan summary forms and size estimating template.