**Effort Estimation**

**Amex Portal Enhancement – Level 2 Data (PCS System)**

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| No. | Requirement | Scope of Work | Days |
|  | *2.1 Level 2 Data* * To pick up level 2 data from PCTD and PCSD Trans ID.
* 72 characters length
* Contains addendum information e.g. Insurance, Air ticket, Restaurant etc.
 | * Changes on java service class to cater for level 2 data and foreign description and removal of foreign amount fields.
* Perform validation on new message format field names to sync with existing system.
* Perform verification and testing on the changes applied.
 | 1 |
|  | *2.2 Foreign Currency* * To re-align foreign currency amount with transaction description.
* To remove FRGN AMT line from XML
* To remove Foreign amount column from front end display
* To display transaction description, reference number, foreign amount and level 2 data together
 | * Changes on jsp and java action class for removal of foreign currency column and amount figures for recent charges, current billed and other periods.
* Changes on jsp to include level 2 data and foreign description and their respective display format for recent charges, current billed and other periods.
* Perform verification and testing on the changes applied.
 | 1.5 |
|  | *2.3 Terms & Condition** To display Membership Rewards terms and conditions in a new window instead of existing window.

*2.4 Membership Rewards Points** To rename “Membership Rewards Online” link to “View Membership Rewards Points”
 | * Changes on jsp to prompt for new window and display the terms and condition pdf document.
* Changes on tiles template for renaming of link.
* Perform verification and testing on the changes applied.
 | 1 |
|  | *2.5 Removal of Color Coding & Zeroes Value** To remove color coding for recent charges, current billed and other periods
* transaction history page
* To remove green and pink colors and change to plain white background with black texts.

*2.8 Response Code & Messages** To change all validation message display of “Error code” to “Return Code”
 | * Changes on CSS for color code.
* Changes on jsp for recent charges, current billed and other periods to cater for the color code.
* Changes on javascript in jsp for recent charges, current billed and other periods to cater for showing empty space instead of zeroes values.
* Perform verification and testing on the changes applied.
* Changes on application resource for renaming of “Error code” to “Return Code”.
 | 1.5 |
|  |  | **Total** | **5** |

\*\* Note: Effort of all the TBC items will be submitted once the clarification is obtained