**ZONGOVITA TECH**

**FIXED ASSETS MODULE**

**DEPRECIATION LOGIC TEST PLAN**

**Objective**

To check the accuracy of depreciation logic under different conditions

**Model Conditions to check**

* Depreciation days should be more than zero and non-negative
* The depreciation start date should be installation date in the first year
* Depreciation start date should be the first date of the chosen FY (Financial Year) after year 1 of installation
* Depreciation start date should be blank if the asset deletion date is earlier for the chosen FY
* Depreciation start date should be blank if 'life\_end\_date\_of\_depreciation' is earlier for the chosen FY
* Installation date should be greater than or equal to purchase date
* depreciation end date should be earlier than the life end date for the deleted asset
* depreciation end date should be later than the fy\_start\_date
* depreciation end date should be deletion date for deleted assets
* deletion date should be later than the installation date
* deletion date should be later than fy\_start\_date in the year of deletion
* fy\_start\_date and fy\_end\_date should correspond with the chosen FY

**Test procedure**

Create minimum 50 test cases to check the integrity and accuracy of the model output

Example

* change Installation date, change FY, Change useful life
* Change installation date, FY
* Change FY, with and without a deletion date
* change useful life, change FY with and without deletion date

**Record the results**

**Log the cases where the model logic breaks with underlying test condition**

**Fix the bugs**

**Repeat test - till objectives are met**