

Flow chart - Data Reference Document

Functionality Requirement

- Build the flow chart diagram based on the json shared in hierarchical object tree.
- Each object carries the data required to build the UI Blocks
- The block has been classified as following types of objects.
 - Group exam
 - Exam
 - Subjects
 - Child Subjects
- The object hierarchy always in the following combos
 - Group exam => Exams => Subjects
 - Group exam => Exams => Subjects => Child Subjects
 - Exams => Subjects
 - Exams => Subjects => Child Subjects
- The sample object structure as follows.

```
{
  "id": "13",
  "patid": 0,
  "name": "T TOT",
  "typ": "G",
  "perp": "80",
  "lsta": "U",
  "etyp": "MARK ONLY",
  "minmax": "0/100",
  "fmax": "100",
  "fval": "SUM/CON (5+5+5+5)",
  "cobj": [

  ]
}
```

Object Key Reference

	Key Ref	Description	Remarks
	id	Unique object id	The format is {int}_{int} 7_234
	typ	Type of object (G / E / S / C)	G - Group Exam E - Exam S - Subject C - Child Subject Based on this object style needs to be changed.
	name	Name of Object	String Value. (Exam name or Subject name)
	etyp	Entry Type	String value ("Mark Only" or Mark and Grade) Display as it is
	perp	Percentage of Progress	Value between 0 -100
	lsta	Lock Status	L - Locked U - Unlocked N - New
	fval	Formula Value	String Value (used as its). It will applicable for group exam & Subjects which has child subjects
	minmax	Minimum and maximum mark	Min / max mark value like 35/100
	fmax	Formula Maximum Mark	Integer Value
	cobj	Array of Child Object	
	patid	Parent ID	Parent Object Id Reference