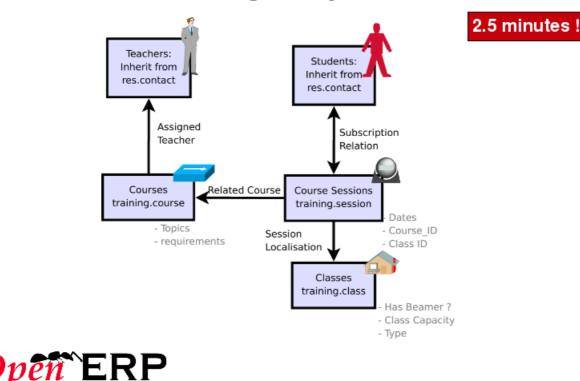


Building a School Management Application

Part II: Design Objects & Views



Add 3 objects

1	Main MENU SHORTCUTS Modules Main Menu > School Management > School Management > Gustomization > Mainistration > Gustomization School Management Mathematical Management > Gustomization School Management Mainistration > Gustomization School Management Mathematical Management > Gustomization School Management Mathemati	We use the database designer to define new objects and fields
2	Main MENU SHORTCUTS Modules Main MENU SHORTCUTS Modules © Objects Search Form Basic Search Advanced Search Object: Object Name: Object Information: Filter Delete Edit New Object Name Object $object Name$ Object information: $object Security Grid$ ir.model ir.model.arid	Let's create the first new object to manage classes : x_training_class
3	MAIN MENU SHORTCUTS Modules Model Description Search Form Calendar Gantt Graph Process Image: Calendar Save & Edit Cancel << First < Previous [-/91] Next > Last >> Object Access Rights Notes Object Name: x_training_class Object: x_training_class </th <th>x_training_class x_training_class Then click to save the parent record then to create the fields.</th>	x_training_class x_training_class Then click to save the parent record then to create the fields.
4	Fields Description Name: x_name Field Label: Class Name	x_name Class Name
	Field Type Properties Field Type: char Object Relation: Required: Relation Field: Searchable: Field Selection: [] Size: 64 Manually Created: Custom Field Domain: []	√ Always Searchable
	Security on Groups	Char + Save

5	Fields Description		x_capacity
	Name: ×_capacity		r_oapaony
	Field Label: Maximum Capacity		Maximum capacity
	Field Type Prop	erties	
		quired: 🔲	
		adonly: 🗌 :hable: Not Searchable 🔹 💌	
	Relation Field:	nslate:	
	Field Selection: [] ? On Size: 64	delete: Set NULL	
	Manually Created: Custom Field		
	Domain: []		
	Security on Groups		
			—Integer
		<< First < Previous [0 - 0 of 0] Next > Last >>	
	Group Name		+
			Save
6	Fields Description		-x beamer
	Name: ×_beamer		
	Field Label: Has a Beamer		Has a beamer
	Field Type Prop	erties	
		iuired: 🔲 idonly: 🗌	
	Object Relation:	hable: Not Searchable	
		nslate:	
	Size: 64	lelete: Set NULL	
	Manually Created: Custom Field		
	Domain: []		
	Security on Groups		
			—boolean
	□Group Name	<< First < Previous [0 - 0 of 0] Next > Last >>	
			+ Save + Close
7	Model Description Search Form	n] Calendar] Gantt] Graph] 🎙 Process 🔋 🖏 🎉 🔞	
	Save Save & Edit Cancel	<< First < Previous [-/92] Next > Last >>	
	Object Access Rights Notes		
	Object Name: x_training_class	Object: x_training_class	
	Fields		Don't worry about searchable
	Fields Description		field !!
	Name Field Label Field Type Required Read	<< First < Previous [1 - 3 of 3] Next > Last >> only Searchable Manually Created	
	Name Field Label Field Type Required Read ⊘ x_name Class Name char Yes No	Not Searchable Custom Field X	
		Not Searchable Custom Field 🗙	
		Not Searchable Custom Field 🗙	+
	Import Export	<< First < Previous [1 · 3 of 3] Next > Last >>	then click the create menu
	Status		button to create the
	Manually Created: Custom Object	Create a Menu	appropriate menu

7bis	Menu Name: Classes Parent Menu: configuration	Classes
	Object: 🗶 training_class	
	Views Search Menu - Mozilla Firefox	
	Search Menu - Mozilla Firefox	
	V Search Menu	Configuration then [TAB]
	Basic Search Advanced Search	
	Menu: Parent Menu:	or it to find and select the
	Filter New Select	School Management
	<pre></pre>	/Configuration' line in the
	Complete Name	Search menu window
	OAdministration/Configuration Partners/Configuration	Click the 'Create menu' button
	Administration/Configuration/Configuration Wizards Administration/Configuration/Configuration Wizards/Configuration Wizard	
	School management/Configuration	then Save
	Import Export << First < Previous [1 · 5 of 5] Next	
8	Model Description	Let's create the second object
	New Edit Duplicate Delete	(x_training_course) to
	Object Access Rights Notes	manage courses
	Object Name: x_training_class	
	Fields	
9	Model Description Search Form Calendar Gantt Graph Process 🗟 🤌 🤅	
	Save Save & Edit Cancel << First < Previous [-/92] Next > Last >	x_training_course
	Object Access Rights Notes	
	Object Name: x_training_course Object: x_training_course	
	Fields	_x_training_course
	Fields Description	ক্তিয
	<< First < Previous [0 • 0 of 0] Next > Last >>	Then click is to save the
	Name Field Label Field Type Required Readonly Searchable Manually Created	
		parent record then 📊 to
		create the fields.
9	Fields Description	k nomo
	Name: x_name	x_name
	Field Label: Course Title	Course Title
	Field Type Properties	
	Field Type: char	V
	Object Relation: Readonly: C Searchable: Advanced Search	
	Relation Field:	
	Field Selection: Size: 64	Always Searchable
	Manually Created: Custom Field	Always Searchable
	Domain: []	
	Security on Groups	Char
	¢ =	Char
	<< First < Previous [0 • 0 of 0] Next > Last >> Group Name	
		+ Save
1		

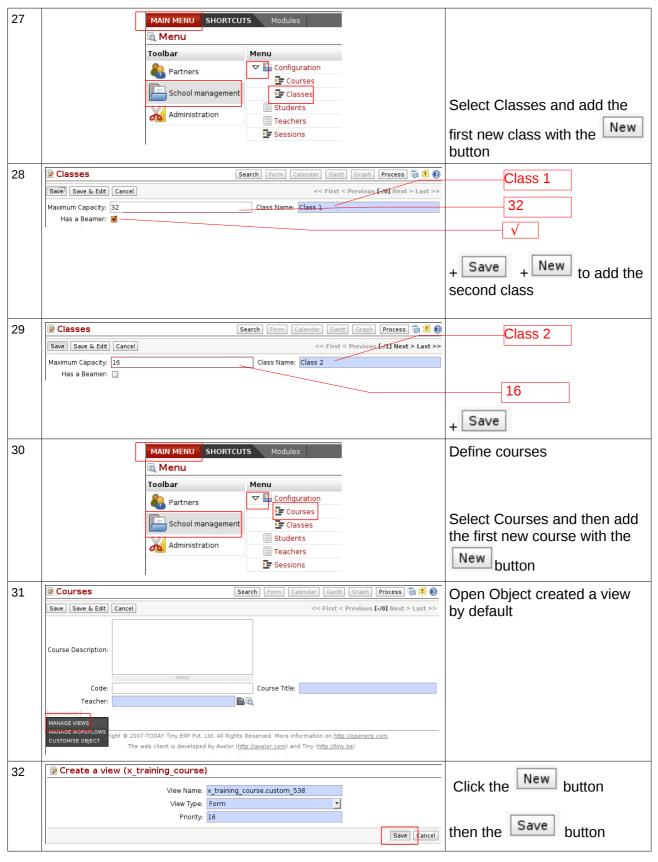
📝 Fields Desci	ription			-				
Nam	ne: x_teacher_id				X_	teach	ner_id	
	el: Teacher							
Field Type		Properties		-]	Feacher	
	many2one 🔽	Required:	ज .					
	res.partner.contact	Readonly:				_		
Relation Field:			Not Searchable					√
Field Selection:		Translate: ? On delete:						
Size:		on delete.						
Manually Created:	Custom Field 🗾			\succ		N	Many2on	е
Domain:	[]					L		
Security on Group	ps					Г		
						r	es.partn	er.contact
Group Name			<< First < Previous [0 • 0 of 0] Next > Last >>					
				+	Save			
				1'				
				-				
Fields Desc	ription				-x note			
Nam	ne: x_note				<u></u>			
	el: Course Description				Course Descript	ion		
Field Type		Properties			•			
Field Type				•				
Field Type:	text	Required: Readonly:						
Object Relation:		Searchable:	Not Searchable	i 🗌				
Relation Field:		Translate:						
Field Selection: Size:		On delete:	Set NULL	1				
Manually Created:								
Domain:					Text			
Security on Grou	ps			:				
			4 -					
			<< First < Previous [0 - 0 of 0] Next > Last >>	+	Save			
Group Name								
Fields Desc	ription			-	L. sede			
				-	-x_code			
	ne: x_code				Code			
Field Lab	el: Code				Coue			
Field Type		Properties						
Field Type:	char 🗾	Required						
Object Relation:		Readonly: Searchable:	Not Searchable					
Relation Field:		Translate:						
Field Selection:		? On delete:						
Size:					Char			
Manually Created:								
Domain:	[]							
Security on Grou	ps			+-[16			
			÷ =					
L			<< First < Previous [0 • 0 of 0] Next > Last >>		Cause			
Group Name				+	Save + Close	e		

14	Model Description Search Form Calendar Gantt Graph Process 🗓 🛱 🄅	<u> </u>				
	Save Save & Edit Cancel << First < Previous [-/93] Next > Las	t>				
	Object Access Rights Notes					
	Object: X_training_course Object: X_training_course					
	Fields					
	Fields Description					
	<< First < Previous [1 · 4 of 4] Next > Last > Name Field Label Field Type Required Readonly Searchable Manually Created	<u>~</u>				
	⊘ x_name Course Title char Yes No Not Searchable Custom Field	×				
	Auguste Course that No Not Searchable Custom Field	x				
		×				
	Import Export <<< First < Previous [1 • 4 of 4] Next > Last >	>				
	Status					
	Manually Created: Custom Object Create a Menu					
45						
15	Menu Name: Couses Parent Menu: Configuration]]				
		Configuration +[TAB] to				
	Views 🖹					
	<pre><< First < Previous [0 • 0 of 0] Hext > Last > Sequence View Type View</pre>					
	Views:	Management/Configuration'				
	views:	parent menu				
		Courses				
	Import Export << First < Previous [0 • 0 of 0] Next > Last >					
	Create Menu	then click the create menu				
		button				
16	Model Description Search Form Calendar Gantt Graph Process D 🖗					
	Save & Edit Cancel << First < Previous [-/93] Next > Las	t >				
	Object Access Rights Notes					
	Object Name: x_training_course Object: x_training_course					
	Fields	_				
	Fields Description	1				
	<< First < Previous [1 • 4 of 4] Next > Last >	>				
	Name Field Label Field Type Required Readonly Searchable Manually Created					
	l a v nome Cauree Title char. Vac Na Nat Saarchable Custam Eield	с 				
17						
17		Let's create the last new				
	New Edit Duplicate Delete	object to manage classes :				
	Object Access Rights Notes	x_training_session				
	Object Name: x_training_class					
	Fields					
18	Model Description Search Form Calendar Gantt Graph Process 🗊 🗟 🎉					
	Save Save & Edit Cancel	× x_training_session				
	Object Access Rights Notes					
	Object: x_training_session Object: x_training_session					
	Fields	x_training_session				
	Fields Description					
	<< First < Previous [0 - 0 of 0] Next > Last >					
L						

19	Fields Description				
	Name: x_name	Name: x name			
	Field Label: Session Name	x_name			
	Field Type	Properties	Session		
	Field Type: char	Required: Readonly:	Name		
	Object Relation:	Searchable: Not Searchable			
	Relation Field:	Translate:	Char		
	Field Selection:	[?] On delete: Set NULL	enal		
	Size: 64		+		
	Manually Created: Custom Field	•			
	Domain: []		Save		
20	Fields Description		x_date_from		
	Name: x_date_from				
	Field Label: Date From		Data From		
			Date From		
	Field Type	Properties			
	Field Type: datetime	Required: Required:	<u>↓ √</u>		
	Object Relation:	Readonly: Searchable: Always Searchable			
	Relation Field:	Translate:	Always seachable		
	Field Selection:	⁷ On delete: Set NULL			
	Size: 64		datetime		
	Manually Created: Custom Field	•	+		
	Domain: []		Save		
01	R Fields Description				
21	Fields Description				
	Name: ×_date_te		k data ta		
	Field Label: Date to		x_date_to		
	Field Type	Properties			
		Required:	Date To		
	Field Type: datetime Object Relation:	Readonly:			
	Relation Field:	Searchable: Not Searchable			
	Field Selection: []	Translate:	datetime		
	Size: 64	⁷ On delete: Set NULL			
	Manually Created: Custom Field	-	+		
	Domain: []		Save		
			Save		
22	Fields Description				
	Name: ×_class_id				
	Field Label: Class		x_class_id		
	Field Type	Properties	Class		
	Field Type: many2one	Required:			
	Object Relation: ×_training_class	Readonly:			
	Relation Field:	Searchable: Not Searchable	many2one		
	Field Selection: []	? On delete: Set NULL			
	Size: 64		x_training_class		
	Manually Created: Custom Field	•	+		
	Domain: []		Save		
1					

23	Fields Description	k source id
	Name v seures id	x_course_id
	Name: x_course_id	
	Field Type Properties	
	Field Type: many2one Required:	
	Object Relation: x_training_course	many2one
	Relation Field:	
	Field Selection: [] ? On delete: Set NULL •	_x_training_course
	Manually Created: Custom Field	
	Domain: []	Save
24	Fields Description	x subscri students
	Name: x_subscri_students	
	Field Label: Subscribed Students	
	Field Type Properties	Subscribed Students
	Field Type: many2many	
	Object Relation: res.partner.contact Searchable: Not Searchable	
	Relation Field:	many2many
	Field Selection: [] ? On delete: Set NULL	
	Size: 64 Manually Created: Custom Field	res.partner.contact
	Domain: []	+
		Save +unicode()
		argument 2 must be string,
		not None Close
25		
25	Model Description Search Form Calendar Gantt Graph Process Image: Colored and the second and	
	Object Access Rights Notes Object Name: x_training_session Object: x_training_session	
	Fields	+
	Fields Description	
	<< First < Previous [1 - 5 of 7] Next > Last >>	
	Name Field Label Field Type Required Readonly Searchable Manually Created x_name Session Name char No No Not Searchable Custom Field	
	x_date_from Date From datetime Yes No Not Searchable Custom Field	
	x_date_to Date To datetime No No Not Searchable Custom Field x_class_id Class many2one No No Not Searchable Custom Field	
	x_course_id Course many2one No No Not Searchable Custom Field	then click the create menu
	Import Export << First < Previous [1 - 5 of 7] Next > Last >>	button
	Status	
	Manualiy Created: Custom Object Create a Menu	
26	Menu Name: Sessions Parent Menu: School management	
20	Object: K_training_session	School +[TAB] to
	Views	
	<< First < Previous [0 • 0 of 0] Next > Last >>	select the 'School
	Sequence View Type View	Management' menu
	Views:	
		sessions
	Import Export << First < Previous [0 - 0 of 0] Next > Last >>	
	🖸 Cancel 🖉 Create Menu	then click the create menu
		button
		Dutton

8



Manage courses, classes and sessions of courses

33	🕼 Manage Views (x_training_course)		
	View Name View Type Object @x_training_course.custom_538 Form x_training_course	e	
	New Edit Remove	Close	
34	✓ ✓ <		Click the last
35	Properties Node Type: field Position: After x_code x_name x_note x_teacher_id Update cancel		Select the field x_code and click Update
36	Properties name: x_code string:		Click Update Repeat step 34 to 36 for the field x_teacher_id. Click To add a separator and a new line (select separator/new line in node type) Repeat step 34 to 36 for the field x_note Build the view as shown in
37	View Editor (159 - x_training_course) <pre> <pre> <pre> <pre> <pre> <pre> <pre> </pre> </pre> </pre> </pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> </pre> </pre> </pre> </pre> <pre> </pre> </pre> </pre> </pre> </pre> <pre> <p< td=""><td></td><td>point #37</td></p<></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre>		point #37
38	Courses Search Form Calendar Ganth Graph Save Save & Edit Cancel << First < Previous I	Process 🕢 🥀 🛞	Use the new view to add a new course
	I CUSTOMISE]		Save