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RUBY ON RAILS ASSIGNMENT:

Write a Rails application for managing projects weekly todo list.

In an organization project manager generally work with multiple projects, multiple teams, team member.

Often it happens, he misses out some of the minute details like who is working on what at current point of time.

Also sometime it may happen, in a day some team members are too busy but some are free. You have to build a system which will help project manager in creating a todo list for project and help to show status of system at any given point of time.

1. System should have well defined authentication system (Use any gem like Devise)
2. System should have well defined authorization system (You can use gem like 'cancan' or just build your own way of handling it)
3. System has only two roles
 1. admin(Project Manager)
 2. developer
4. As admin,
 3. He/She should be able to create a project
 4. He/She should be able to create a todo for project (e.g "Design database for feature X")
 5. He/She should be able to assign a todo to developer
 6. He/She should be able to add developer to project (Note: Project can have many developer and developer can have many projects)
5. As developer,
 1. He/She should be able to see a todo list for him.
 2. He/She should be able to mark is 'in progress' or 'Done'.

6. On admin's dashboard (After login page),

1. At any given point of time he will see a list of all developer list with todo in following format.

Status	Developer A	Developer B	Developer C	Developer D	Developer E
Done	Todo a1		Todo c1		Todo e1
	Todo a2		Todo c2	Todo d1	Todo e2
	Todo a3	Todo b1	Todo c3	Todo d2	Todo e3
In Progress	Todo a4	Todo b2	Todo c4	Todo d3	Todo e4
New	Todo a5	Todo b3	Todo c5	Todo d4	Todo e5
	Todo a6	Todo b4	Todo c6		Todo e6
	Todo a7		Todo c7		Todo e7
					Todo e8

2. Show same view as above, but instead of developer it should show data project-wise.
3. Also show graph using google chart api (<https://developers.google.com/chart/>)

Show project-wise pie chart for todo's status like, 5 is in Done state, 10 is in new State and 4 is in progress