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## WT SE-325

## Assignment-2

Ruby on rails: - It is an open-source ised to build web applications. Rails is Franework used to create websites using the general-purpose programming language Ruby. et amalgamates Ruly with HTML, javascript and CSS manufacture a useb application that operates on a web server. It is generally organised to be a server-side web application development platform Rails catalyzes the process of buildings complex sites. Rails is a framework for web application development written in Rusy st provides a structure to useb developers for all the codes. manufactured to ease web application programming by predicting what every developer needs to with. Rails requires less code but Provides more capabilities than any other language or framework. Rails is an opinionated Software. It assumes and brings out the best way to do something, and it is designed to promote that was

y. Simple Testing Tool: - It also comes with a write testing setup colled Respect which is very easy to leaven. Since it is primary plain Ruby, you can use it to test the functions employed in the application by seperately calling them. It helps you to ensure your appoination has been tested properly.

5. Automated Deployment: - st includes

Libraries to allow the code to proceed

to production with less efforts and

reduced time - with just an initial

one-time setup, st deploys every chanse

you have done to the production with just a single line on command interpare 6. Simple programming language= et is an object oxiented programming lang-mage, which grows us to excate Virtual Objects in our code Puts 61 Hello world? echo 61 Hello World"?

To	ranjeet Singh Date
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۵	Advantages of ruby on rails:
٦.	Cost-effective: st is 100% free and open
1200	- souvce Francoist.
2	Secure The framework is by default,
5. 5.	installed and enabled with some Security
	measures when you use Ruby in rails,
	you are following a secure development
	Process.
No.	V V
3.	Flexibility: - 9t uses frontend and backerd
Part of the state	abilities, these are simplex and easiex
	to create. A single-page web application.
	uses Rails at the backend and may be
	any other francisorie like Angular fox
E.	the front-end. This makes the application.
ET DE DESIGN	depend on Rails Dox the best qualities.
	10 January 10 January 100 Janu
<u> </u>	Productivity: It permits you to develop
	Peatures extremely fast. This happens
	because Ruby ettoxtelling committee
	3rd party software Disparies
	- 1000 c Project by con-
<u> </u>	consident: - 2+ helps keep a project organ-
14 to	ized and decipherable as the developers
	have to follow standardized file storage
	and programming conventions. plus
	24 Saves a lot of time.
	a person in the first of the same and and all

## Disadvantages of Ruby on Rails:

- 1. Obscurity due to convention: Besides the advantages of convention over configuration to begineers; it adds obscurity to skilled prossammers. For ex-with the absence of the configuration file, there is no lode, which discloses that dates from a class named 16 chapter? is saved to a table named 61 Book?
- 2. Boot speed: Based on the number of files and dependencies, It requires a substantial amount of time to start.

:3.	multi-threading= 9t supposts multi-threading
31, 2 at	in Hence, it you are not Courtions, reanists
	will be queued up at the back of the
	active request. This con course performance isse.
1	
4.	Rutine speedy- The most cited arguenat
	against But no Book is that it is clary
	we would agree, cestainly when compared
	we would agree, certainly when compared to the runtime speed of Modejs and Cholana
	Cholang.