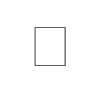
**Transcript**

2 September 2025, 06:14am

 **Shwet Jain** started transcription

 **Shwet Jain** 0:04  
Yeah, recording started. OK, So what we are going to do first is I will show you from the start like how we have to create a requirement document, OK, like if we are working on some idea.  
How to first create a basic requirement and functional design document? How to create repository set up that on your local system and how to start conversation with the AI and set the same expectation that.  
From the first instruction we gave, we make sure the a I is running under our control OK and it knows what exactly we want. That is the purpose of this. OK, this is not prompt in nearing. This is not anything else. OK, this course is or whatever I am saying is.  
Purely focusing on how to control a I when you are doing coding so it work with your pace. OK? Is it clear?

 **Gauransh Gupta** 1:08  
Yes, Sir.

 **Ashish Patil** 1:09  
Yes, Sir.

 **Shwet Jain** 1:09  
OK. The things that I am saying is very generic. They do not, they are not tools specific. You can use jewels, codecs or cloud. They should work in every tool. OK, I tried myself on codecs and jewels.

 **Khyati Mathur** 1:10  
Yes, Sir.

 **Shwet Jain** 1:27  
And the other tool which is not cloud, it is somewhere like cursor I but the same approach work everywhere. OK so first thing first, are you guys aware what is agents dot MD 5?  
What is the purpose of agents dot MD 5 list?

 **Gauransh Gupta** 1:50  
So it is used to store instructions. You open agent school data.

 **Shwet Jain** 1:56  
OK. Yeah.

 **Gauransh Gupta** 1:56  
So like in future.

 **Shwet Jain** 2:01  
Correct.  
Correct, that is correct. So let me show you guys, OK. Let me open a tab.  
Yes.  
OK, let me start a new time.  
I will keep it in the private why in the private window is gets everything?  
Let me know once you can see my screen OK.

 **Gauransh Gupta** 2:53  
It is business.

 **Shwet Jain** 2:55  
OK.  
So you are correct, so agents dot MD file is basically a file in our repository. We keep this file in the root folder of the repository. OK, this file is basically to give instruction to the.  
Cat Pot or to the A I how you want it to work with your code correct? So.  
Give agent a clear, predictable place for instructions. OK, so this is where you have to keep all the instructions. OK, now the beautiful thing is that you can ask agents dot MD file to ask.  
Agent to update agent Dot M define.  
Did you guys get it?  
Maybe Ashish, can you repeat what I just said? What I mean by that?

 **Gauransh Gupta** 3:49  
Umm.

 **Ashish Patil** 3:55  
So like this agents dot MD file is used to give the instructions to our chat bot and this is where we put our instruction and we regularly update this file whenever we make any changes.

 **Shwet Jain** 4:10  
Correct. And we can also ask agent agent is our AI right to update this file itself? OK, so basically it can give instructions to itself.  
Correct like.

 **Ashish Patil** 4:25  
Yes, Sir.

 **Shwet Jain** 4:28  
Like it will, so we can ask agent to update agents Dot MD file whenever we give any instructions. OK now this is very important point. You have to give this instruction and I will.  
Explain you how we will use it. So what will happen with that time? It will basically become more and more aligned with you. OK. So if the agent is making any mistake in the project while we are working.  
It can record that mistake, so it will not make the same mistake again in the project. OK, so how we will use this file? I will cover that today. OK then.  
So this is very important thing and they gave some examples, right? Some dev environment tips like so you can give different type of instructions here. They gave the samples but they are very basic examples but I will give you.  
Like pro instructions which will make this file and very good like your a I will work with you in a very better way. OK when I am using a I chat bot.  
Agent LLM code assistant all this means a I who is responsible for writing the code OK.  
So with this this is clear right? Because this is a very important concept. Now I want to understand what is your understanding about GitHub, how much you are familiar with GitHub.  
Do you?

 **Khyati Mathur** 6:20  
So Sir, GitHub is basically like a repository or like a cloud folder where we store and update like our code for a particular project.

 **Shwet Jain** 6:31  
Correct. What is the concept of branches pull request in getup? Why they exist?

 **Khyati Mathur** 6:39  
So pull request is basically when we try to change make like changes in that particular code or project so that like when there are multiple developers working on that particular project they can also review those changes.  
And.  
And when branches are like a particular.  
Development step.  
Like while we are working on one of the features of a project, we can make it in a separate branch, work on in the code and then we when we are satisfied with the working, we can merge it in the main branch.

 **Shwet Jain** 7:20  
Correct. So.  
What conceptually it allows us is like the main branch. Consider the main branch is where the code resides, OK.

 **Khyati Mathur** 7:34  
OK.

 **Shwet Jain** 7:35  
Where like the name suggest it is your main code correct. Now when you are working with the agent you do not want your main code to be edited by agent directly, right? You want some mechanism so that you have a some control like I said.  
It is all about you taking control. So what is the best architecture is like whenever we have anything in master, right?  
The agent should make a copy of it. We I prefer pull request instead of branches. The branches are more permanent. Pull request are temporary correct. So when we are creating a pull request we can configure it.  
Once the pull request is merged back to the main branch, we can configure Gitab to delete that pull request, correct? So it is a temporary code which is there which is which can be merged back to the main branch and once it is merged we can configure gitab.  
Repository to delete this PR request correct now what it allows us is when we are working with agents, what it will do by default is it will create a pull request, it will make the changes. Now instead of configuring the main branch in our test like whichever is the work.  
Working environment right? Suppose if we are doing development on my laptop, correct? So my laptop I will always switch my laptop to the pull request that agent is working on. Make sense?  
Then I will basically verify the agent work and I say yeah, this looks good. Now merge it to the main branch. This instruction I will give myself agent right now agent will not merge the code into the main branch. OK.  
It will just create the pull request and then it will ask us to verify and merge it to the main branch, correct? So this is one of the things like if you do not like the code or do not like the way agent is going, you can just discard that pull request.  
And nothing will happen to your main code. Is this concept clear? This is a very fundamental concept that we have to agree on, and we need to be very clear on this. OK, so because this is such a important concept, I want all 3 of you to give me your understanding about.

 **Khyati Mathur** 9:53  
Yes, Sir.

 **Shwet Jain** 10:06  
Of this. OK, so let's start with Ashish. Ashish, what is your understanding what I just explained to you?

 **Ashish Patil** 10:14  
Sir, like whenever we change in our code. So we create a pool request, but if the things are not going well as we planned then we do not create a pool request or we cancel.

 **Shwet Jain** 10:23  
And.

 **Ashish Patil** 10:31  
That will not. That changes will not reflect in our main code.

 **Shwet Jain** 10:38  
Correct. And when you have to verify anything, you have to configure the pull request. You have to check it from the pull request, right?

 **Ashish Patil** 10:46  
Yes, Sir.

 **Shwet Jain** 10:47  
You do not have to check it from the main branch if you are doing this practice that every time a I creates a pull request and you merge it to the main branch and then you are checking from the main branch then you have to always keep rolling back the main branch.  
OK, which is not a good practice. I will suggest configure the pull request with the with your working environment and then verify with that and then once you are confident enough with the functionality then.  
Ask agent to move it or then merge it to the main branch yourself. Or if you are not happy, just discard the work and let us start again. Make sense, right? And whatever is solid, whatever is confirmed, whatever we are happy with that is the only thing which goes back to the.

 **Ashish Patil** 11:28  
Yes, Sir.

 **Khyati Mathur** 11:29  
Yes, Sir.

 **Shwet Jain** 11:37  
Main branch agree on this.

 **Khyati Mathur** 11:39  
Yes, Sir.

 **Shwet Jain** 11:40  
Correct.

 **Ashish Patil** 11:40  
Yes, Sir.

 **Shwet Jain** 11:42  
OK, right now I am not using lot of videos because I have not prepared any PPT or anything. I am just telling you how I am working and we will use this recording to create a transcript and create all this material but do not worry about that. Everything is recorded and I will give you.  
The PPT after this session OK, I will create them from the transcripts. OK now.  
We are all good with the basics right. One more thing I want to clarify that in the structure when we write any code. OK so basically this is a basic structure that we usually use. OK let me open a notepad.  
And give you the basic structure.  
See, whenever we are doing anything in so there is a source here, we will keep our code OK.  
Docs here. We will keep our.  
Documentation correct.  
Then Agent Dot MD file readme dot MD all this will be in the root folder. So this is a very basic structure, right? And we can then go further but.  
For now, just keep this in mind, OK?  
Now, with all this background, lets start doing some coding. OK, so before we do any coding, what we have to do is lets pick up a simple app. OK that we want to work with. So lets create a problem.  
Statement or uh?  
Sample app OK.  
Do you know what is a starter kit?

 **Khyati Mathur** 13:53  
Not sure Sir.

 **Gauransh Gupta** 13:53  
It's like basic framework, just mean front end, back end or login mechanism. Ye SAB Kuchh already built in and we can only focus on the main functionality. So Bahut Sara ground work already done and.  
We can just build it from there.

 **Shwet Jain** 14:13  
Correct. So in a Nutshell, starter kit like says it is a basically a kit which basically give you all the tools to build a website. But like what are the common themes in all the websites? Right so lets.  
Think about something which are common, correct? So now lets keep it interactive so that you guys also can give your input. So let me start. So every website should have a capability to send email, correct?  
Correct.

 **Gauransh Gupta** 14:50  
Correct.

 **Khyati Mathur** 14:50  
Yes, Sir.

 **Ashish Patil** 14:50  
Yes, Sir.

 **Shwet Jain** 14:52  
Features that we need in all websites correct send email. This is one come up with something else like login mechanism right?  
Correct.  
What else you guys think is required in all the websites parameter shut up screen?  
Correct.

 **Khyati Mathur** 15:19  
Yes, Sir.

 **Shwet Jain** 15:22  
In parameters, let's say there are 3 type of parameters. When is user preference.  
App settings.  
And then we can call it core settings or admin settings. OK, let's call it app admin settings.  
So the user preference is where user can store its preferred like user specific settings like time zone, correct. So if user if I am logging into this website I want to see.  
The Times or created date, time and all the time stamps in my Sydney time zone. Correct. When you are logging in from India, you like to see it in your preferred time zone, correct? So these are called user preferences.  
Correct.  
Like time zone?  
Then your email you want. You may want to receive a notification on specific email you can.  
Store it under user preference, correct?

 **Khyati Mathur** 16:31  
But.

 **Shwet Jain** 16:32  
Then there is a app settings app settings. You can think of anything which require a fundamental business logic. So before we go to the app settings, let go to the admin settings. Admin settings are basically very.  
In like they are very infrastructural kind of things which are required different components of website to connect but the business user or the end user may not need them correct? So the good example is database connection string.  
OK. Or we can?

 **Ashish Patil** 17:10  
Assign roles.  
Assign roles.

 **Shwet Jain** 17:16  
Rules is we will come to that. That is a separate thing. I will come to that part. But you are right. But I will come back to that DB connection string or you can say.  
So for now, just keep it app, database connection string. App setting is something where you like to keep some business validation. So suppose we are creating a website to.  
View the invoices correct and we want that invoice to be auto approved if the invoice amount is below say.  
$1000 correct.  
So this is not something which is admin or user preference. This is something a business logic or the website which you build require some business parameters right which is basically the site user may configure it.  
Correct.

 **Khyati Mathur** 18:31  
So Sir, authentication like storing password and.

 **Shwet Jain** 18:31  
Make sense?  
Correct.  
Correct. So that will come as a separate feature that will come as a feature which we will call so admin settings. Also you can put SMTP settings correct your DevOps, any connections ring correct that will all come under admin setting which is one time setup.

 **Khyati Mathur** 18:39  
OK.

 **Shwet Jain** 18:54  
Required for environment, usually environment specific. OK, so if we have to say it, we say usually environment specific.  
Settings correct. They go under admin settings, so these are basically the settings which you have to do every time you are creating a new environment clear.

 **Khyati Mathur** 19:15  
OK.

 **Shwet Jain** 19:16  
Right. You cannot take backup of the database and restore it. So even if you restore it, you have to set them up again. OK, these are environment specific, OK.

 **Ashish Patil** 19:16  
Yes.

 **Shwet Jain** 19:29  
Now let's come to the next point, which is what you guys were saying. Authentication roles.  
Assignment, right? This is we called rbse. OK rule based authentication.  
OK, So what is this is we need roles, assignments, authentication, user login and all those things, correct? So this will all go here authentication role assignments. Then we call it simple order back.  
OK.  
Rule based access control, OK.  
It covers everything.  
OK, your login assignment, role assignment, access everything. It cover. OK. Anything else? You guys think maybe I should remove this login mechanism because it is something we can cover under a pack. Anything else?  
You guys think our starter kit should contain?  
Anything which I miss?  
Maybe we can throw some basic layouts correct?  
Some basic sample layout.  
Like list page.  
Data entry page.  
Correct.  
So now you guys are clear what is a starter kit?

 **Khyati Mathur** 21:29  
Yes, Sir.

 **Shwet Jain** 21:30  
OK, so starter Kit is just a structure which has bare minimum essential things ready. So whenever we are building something we can use this starter kit to.  
Like we, we will not start from this guy. We have some foundation already built in and we can use this starter kit to build any app, OK.

 **Ashish Patil** 21:57  
Yes, Sir.

 **Shwet Jain** 22:01  
So.  
Let me also document some assignment. So what is?  
Start again.  
Find me all started it available.  
Are popular.  
Uh, which ones?  
Uh.  
Build.  
For as your.  
OK, so these are the assignments. So first is set up GitHub and prepare your CHEAT SHEET. Then the next assignment is what is starter Kit. Find me all the starter kits available. So first you have to find all the starter kits which are available.  
And out of them.  
So find all.  
The starter kit.  
So so today's session, we will close it, OK. I do not want to make this sessions long. The idea is to keep them short. Maybe 303045 minutes. That is the duration. So we are already almost done with 30 minute. So OK now.  
Your assignment is to set up a git up and prepare your CHEAT SHEET. What I mean by prepare your CHEAT SHEET, the basic things that you need to do in git up correct very often, right? You should have commands with you. OK and you should practice those commands.  
So tomorrow, if tomorrow when we will start, I will ask you guys, so we will spend 5 minutes on this assignments and I will review them correct. I want you guys to submit this assignment today. When I said today, right now it is 12:00 PM.  
You have to submit this assignment by 2:00 PM. OK, these are not very big assignments, OK?

 **Khyati Mathur** 24:58  
Right.

 **Shwet Jain** 24:58  
If The only exception is if you have any critical project assignment, which you cannot do after 2:00 PM, then it is fine. But otherwise I want you guys to do this just after this call. OK and.  
Provide me an update this I will record and I will share your assignment and what is the quality and everything to Deepak. This is for the fine like review how you guys are doing in this training, OK.  
Make sense?

 **Khyati Mathur** 25:31  
Yes, Sir.

 **Gauransh Gupta** 25:32  
So we have a training call right after this call.

 **Ashish Patil** 25:32  
Yes.

 **Shwet Jain** 25:36  
Till what time that training will over?

 **Gauransh Gupta** 25:38  
130.

 **Khyati Mathur** 25:39  
130.

 **Shwet Jain** 25:40  
So take 130 okay.  
Take a 30 minute break after that, OK?  
And so let's do. If you guys are doing 130.  
It will over by 130 correct?

 **Gauransh Gupta** 25:59  
Yeah, it will be over by 130 until and unless it gets stretched.

 **Khyati Mathur** 26:00  
Yes, Sir.

 **Shwet Jain** 26:04  
OK, so you have to submit by 3:00 PM, OK?

 **Gauransh Gupta** 26:08  
Dancer.

 **Shwet Jain** 26:09  
And if you guys cannot do this before 3:00 PM, you need to give me a reason why it should be a compelling reason and should do this before end of the day. Definitely. OK. And if you cannot do end of the day, then also you have to give me the reason. OK? It should be a very strong reason and genuine reason.  
Right. The reason why I am telling you guys so that you know what you have to do and like what you are doing and if you are stuck anywhere, at least I am available to give you some support. OK. I am making myself available to all 3 of you.  
If you need any clarification on the assignment.

 **Gauransh Gupta** 26:52  
Focus on.

 **Shwet Jain** 26:53  
OK.  
We are clear on this.

 **Ashish Patil** 26:58  
Yes, Sir.

 **Khyati Mathur** 26:59  
Yes.

 **Shwet Jain** 27:00  
OK, Kathy, what is your understanding of the first assignment like what you have to do in the first assignment?

 **Gauransh Gupta** 27:00  
Yes.

 **Khyati Mathur** 27:07  
So so we have to set up our, like, get up or get familiar with all the terms terminologies and the command set can be required and prepare a sheet. The A sheet sheet based on that.  
Also like.

 **Shwet Jain** 27:23  
So in this 2 things I will ask you to do tomorrow. OK, in the call you have to share the screen and do this. OK first create a repository.  
Uh.  
Create a pull request.  
Switch.  
From 2 PR validate get latest.  
Show me the changes.  
And then merge back to.  
Main branch OK.  
And delete also see how you can configure which setting is required to configure full request to delete automatically. OK.  
Anyway, I will be sending this details after the session, but you are clear right? What is required.

 **Gauransh Gupta** 28:39  
Yes, Sir.

 **Shwet Jain** 28:39  
OK, what is required in this next assignment? Second assignment?

 **Khyati Mathur** 28:45  
So basically we have to understand what is a starter kit and look for all these starter kits that are available and like from them that's the most 10.  
Like the 10 most popular and to find out like which of them are like the most configurable, configurable and well going with the Microsoft Azure stack and also like pick 3 of the.  
Like favourites from most like 10 or the list, and give reasons why they are like favourites.

 **Shwet Jain** 29:25  
Yeah, and list feature on those starter kits, correct?

 **Khyati Mathur** 29:31  
Right.

 **Shwet Jain** 29:32  
Yeah.  
You are free to use a I anything you guys like, you can use it, but you are presenting this to me. OK, so you are accountable. So I do not care how you found those kids.  
But if I ask you the question right, you should be able to answer me without looking anywhere. OK, so whatever a I provided the data you must consume it, understand it and then present to me do not copy paste.  
Because I will verify those things tomorrow.  
Clear.

 **Ashish Patil** 30:13  
Yes.

 **Gauransh Gupta** 30:13  
That's good.

 **Shwet Jain** 30:14  
Clear and Avinash clear gauransh. Clear khyati. OK, OK.

 **Gauransh Gupta** 30:18  
Yes, Sir.

 **Khyati Mathur** 30:18  
Yes.

 **Ashish Patil** 30:19  
Yes, Sir.

 **Shwet Jain** 30:21  
OK, nice. Any question, anything before we wrap up, let me before I stop recording. Or are you guys OK? Ask me any question if you have.

 **Khyati Mathur** 30:33  
So so for the get up repo like the code we can choose for a like hosting project.

 **Shwet Jain** 30:37  
Hmm.  
No. Create a new repository. You can create a sample free like you are. Just create a text file. OK simple text file. I just wanted to see the conceptually you got it. OK. I do not want any code or anything there. I just want you guys to create a repository.  
And you can just put a text file over there and create a PR request. Make those changes to the test file, switch your dev machine local machine to that PR request, get the latest changes so whatever changes are there in pull request.  
Should able to see on your machine correct and then we will merge it back to the main branch and then we will switch our machine to the main branch and we should also see those changes in our system. Makes sense right? So.  
I just wanted to see the whole cycle.

 **Khyati Mathur** 31:36  
Right.

 **Shwet Jain** 31:37  
Correct. Yeah. So you should able to demonstrate this to me. OK? Like how to do this whole steps and this is very important, this is very fundamentals because when we are working with AI, this is something you will be doing on daily basis, OK.  
We are learning starter kits because we will create our own starter kit and once you do this activity then I will explain you the reason also tomorrow why we need our starter kit OK.

 **Ashish Patil** 32:08  
OK, Sir.

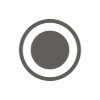
 **Shwet Jain** 32:09  
Yeah.  
OK. Anything else?

 **Ashish Patil** 32:17  
No, Sir.

 **Shwet Jain** 32:17  
All good. Yeah. OK. Thank you. See you tomorrow, guys. OK, bye.

 **Ashish Patil** 32:24  
Thank you.

 **Gauransh Gupta** 32:26  
Thank you.

 **Shwet Jain** stopped transcription