

Teaching Agile Methodologies

Institution	University of Salamanca
Disciplina STEAM	Engineering
IDD Student Context	Students ADHD
Resource used	Kanban agile methodology
Description of the step-by-step activity before the project	
1. I study the IDD students report to understand their capacities. 2. I explain the students the objectives of the action. 3. I present the students the basics agile methodologies. 4. I present the basics of Kanban. 5. I show a sample of Kanban application. 6. Students look for resources about Kanban. 7. I show them videos of Kanban application and more samples and resources. 8. I ask them basic question to know if they really understand Kanban, if not I return to 3. 9. I give the students the requirements of a task. 10. Let them time to begin study the requirements and split them into tasks and prioritize them. 11. Let them time to produce the Kanban board with the tasks. 12. Support them during the process (with comments, additional contents, videos, etc.). 13. Finish the activity. 14. Evaluate the results. 15. Evaluate students' feedback.	

Description of the activity step by step (changes in red)	
1. I study the IDD students report to understand their capacities. 2. I classify the profile of my student into the taxonomy. 3. I create the student profile into the User Model. 4. I look in the User Model for this disability or resources available for it. 5. I explain the students the objectives of the action. 6. I create on the User Model the learning activity including the learning objectives 7. I present the students the basics agile methodologies. 8. I present the basics of Kanban. 9. I show a sample of Kanban application. 10. Students look for resources about Kanban. 11. I show them videos of Kanban application and more samples and resources. 12. I ask them basic question to know if they really understand Kanban, if not I return to 3. 13. I enrich my explanation with resources from the User Model specifically devoted for this IDD student profile. 14. I add into the User Model new resources if they find any not already included. 15. I give the students the requirements of a task. 16. Let them time to begin study the requirements and split them into tasks and prioritize them. 17. Let them time to produce the Kanban board with the tasks. 18. Support them during the process (with comments, additional contents, videos, etc.). 19. Finish the activity. 20. Evaluate the results. 1. Evaluate students' feedback.	
Extra resources	Extra resources
Similar activities	Similar activities





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