

Nr.crt.	Titlu lucrare	Scurta descriere	Cerinte	Nivel (licenta/master)
1	Offline Scoring System for Archery Competitions	The offline scoring system will connect to the online server through special data hubs to download specific shooting group and score it locally then sync the result with the online server after the competition is done.	Existing platform has been developed using (C#,Blazor, SignalR Core,Entity Framework Core with MsSql). Required: Mobile App that connects to the platform API	Licenta
2	Project Target Cam for Comptition Archers and Bow Hunters	A camera connected to a microcontroller to record video only and is fixed on special optical zoon 30X to get footage of the moment of an arrow impact on the target for youtube content creators	Raspberry pi micro controller, battery, small screen, sd card storage, webcam, 30X optical scope. Windows IOT: C#, Raspbien: Java or Python.	Licenta
3	Automatic Translation from UML to Object Enhanced Time Petri Nets for Database Systems	Creating a tool that converts the UML diagrams into OETPN Design and Implementation.	Implementation using Java and OETPN framework.	Licenta
4	Development of Robots' Control and Monitoring System in a Warehouse Using Object Enhanced Time Petri Nets	Design and implement supervisor and control using OETPN. The user Controller works on a smart phone.	Implementation using Java and OETPN framework. The controller is implemented as mobile application.	Licenta
5	Development of Smart Home Remote Control and Monitoring Application Using Object Enhanced Time Petri Nets	Design and implement systems for a smart home like appliances, heating, and/or access control using OETPN.	Implementation using Java, OETPN framework, and Android application for the controller remote access. Microcontroller (Arduino or raspberry pi)	Licenta

6	Development Of Smart Vehicle controller using Object Enhanced Time Petri Nets	OETPN and image processing to detect the traffic signs and the spaces between cars to avoid crashing	Implementation using Java and OETPN framework, image processing, hardware: Microcontroller (Arduino or Raspberry pi).	Licenta
7	Object Enhanced Time Petri Nets Size and Complexity Code Estimation based on requirements Documents	Estimate the size and code of the OETPN based on the application specification.	Implementation using Java and OETPN framework.	Licenta
8	Code Generator Tool from Requirements Documents to Object Enhanced Time Petri Nets Framework for Database systems	Auto generating the OETPN design and implementation based on the requirements documents.	Implementation using Java and OETPN framework.	Licenta
9	Alte teme propuse de studentii			Licenta