Ford Romania Intern Program
Internship Workplan

Project Name:	Monitoring of communication between PBS application and PLC	**Supervisor Name:**	Costi Circiumaru
Department Name:	IT	**Supervisor CDSID:**	**ccircium**
Assignment Location:	IT offices	**Supervisor Position#:**	**IT Manager**

Project Description

Development of a web application to control the communication between Painted Body Storage (PBS) application and PLC

Measurable Objectives

- The application must check in real time the communication between server and PLC
- The communication status will be displayed on the monitor in green or red
- When the communication is shutdown, an acoustic signal will be produced

Expected Major Contributions

- Reduce the line shutdown time
- Increase the productivity

Expected Benefits to Intern

- Reduce the intervention time for IT and maintenance teams
- Contribution to system improvement

Intern Qualifications (schooling, work experience, major)

- Knowledge of SQL required
- Knowledge of communication server – PLC required
- Web programming skills required
- Demonstrate ability to work with others in a team environment