

**TECHNICAL UNIVERSITY OF MOLDOVA**  
**FACULTY OF COMPUTERS, INFORMATICS, AND MICROELECTRONICS**  
**DEPARTMENT OF SOFTWARE ENGINEERING AND AUTOMATION**  
**SOFTWARE ENGINEERING STUDY PROGRAMME**

# **PROJECT REPORT**

**SmartCart - Track Your Shopping with IoT**

**Team No. 1**

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**Submission date: XX/06/2026**

**Chişinău, 2026**

## **ABSTRACT**

The project titled "**SmartCart - Track Your Shopping with IoT**" was developed by students Alexei Pavlovschii, Alexandru Rudoi, Artur Tugui, Nicolae Marga, and Ion Vornicescu from the Technical University of Moldova.

This project comprises 5 chapters: Problem Framing, Domain Analysis, Solution Proposal, System Design and Practical Implementation, as well as Introduction, Conclusions and Bibliography.

**Keywords:** IoT, SmartCart, Shopping, Tracking.

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## **INTRODUCTION**

In the digital era...

# **1 PROBLEM FRAMING**

## **1.1 Problem Description**

Sample text...