**Chapter 1. Introduction**

**Chapter 2. Project Objectives**

2.1 Project theme

The current project aims to create an application for high-school graduates for joining university education. It will be implemented by employing web-crawling and web-scraping techniques combined with a mobile client.

2.2 Functional Requirements

2.3 Non-Functional Requirements

**Chapter 3. Bibliographic Research**

**Chapter 4. Analysis and Theoretical Foundation**

4.1 User Profile Analysis

4.2 Application Features Analysis

4.2.1 Faculty admission participation

4.2.2 Directions

4.2.3 Personal admission assistant

4.2.4 Required documents and monetary management

4.2.5 Accommodation assistant

4.3 System Analysis

4.3.1 Web-crawler

4.3.2 Web-scrapper

**Chapter 5. Detailed Design and Implementation**

5.1 Conceptual architecture

5.2 Deployment diagram

5.3 Database diagram

5.4 Server design and implementation

5.4.1 Package diagram

5.4.2 Detailed Implementation

Entities

Repository

Business Logic

Controllers

DTOs

5.4.3 Data gathering

5.4.4 Data processing

5.5. Client design and implementation

5.5.1 User Interface //pot sa vorbesc despre ce componente am facut, folosit, cum //se leaga intre ele pentru a forma un use-case

//ceva idei

//

**Chapter 6. Testing and Validation**

**Chapter 7. User’s manual**

**Chapter 8. Conclusions**

**Bibliography**