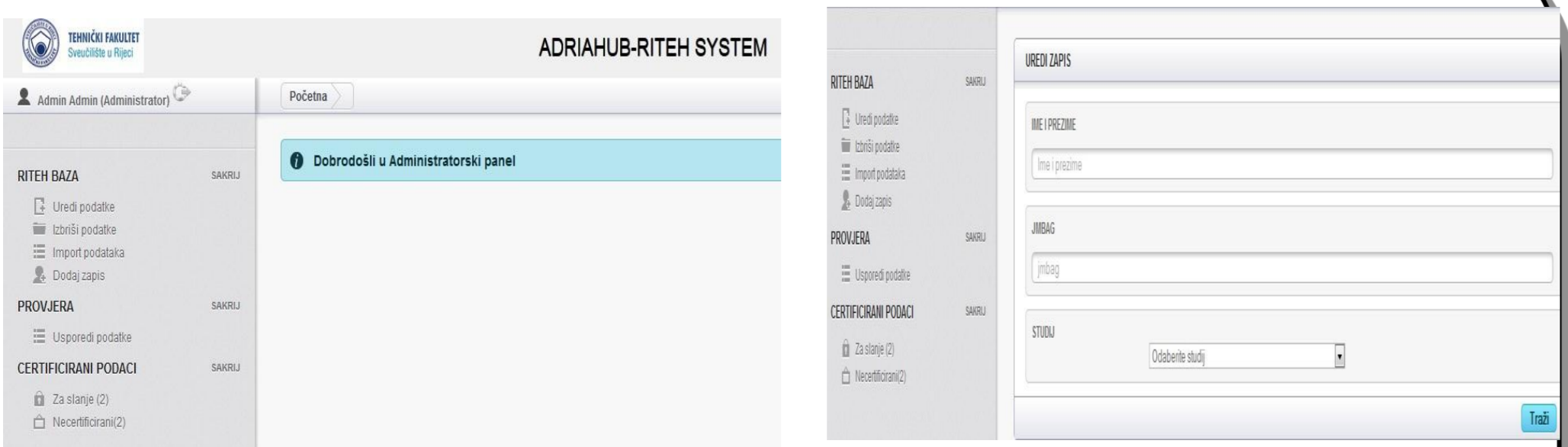


Summary

- **System Description:** Web application for storing and processing data about graduated students. The application is used for validating data about students who signed up for AdriaHub.
- **Project Motivation:** Previously, all data validation with the ISVU system was done manually. With this application, validation will be automatic and less time consuming
- **Project Goals:** Make a simple UI for managing student information, validate the information with an appropriate decoding system and export the information.

GUI



1. Main menu

2. Search menu

3. Add(edit) student

Form fields: IME, PREZIME, JMBAG, SPOL, OIB.

3. Add(edit) student

4. Not certificated list of students

| # | Ime i prezime | Spol | Datum rođenja | JMBAG | Studij | Status | | |
|---|---------------|------|---------------|------------|---|---------------------------|----------|-------|
| 1 | Ivan Ivanić | M | 18.01.1990 | 0069051023 | Diplomski sveučilišni studij elektrotehnike | Nije prošao certifikaciju | Provjeri | Uredi |
| 2 | Marko Marić | M | 03.09.1991 | 0069051011 | Diplomski sveučilišni studij elektrotehnike | Nije prošao certifikaciju | Provjeri | Uredi |

4. Not certificated list of students

5. Certificated list of students

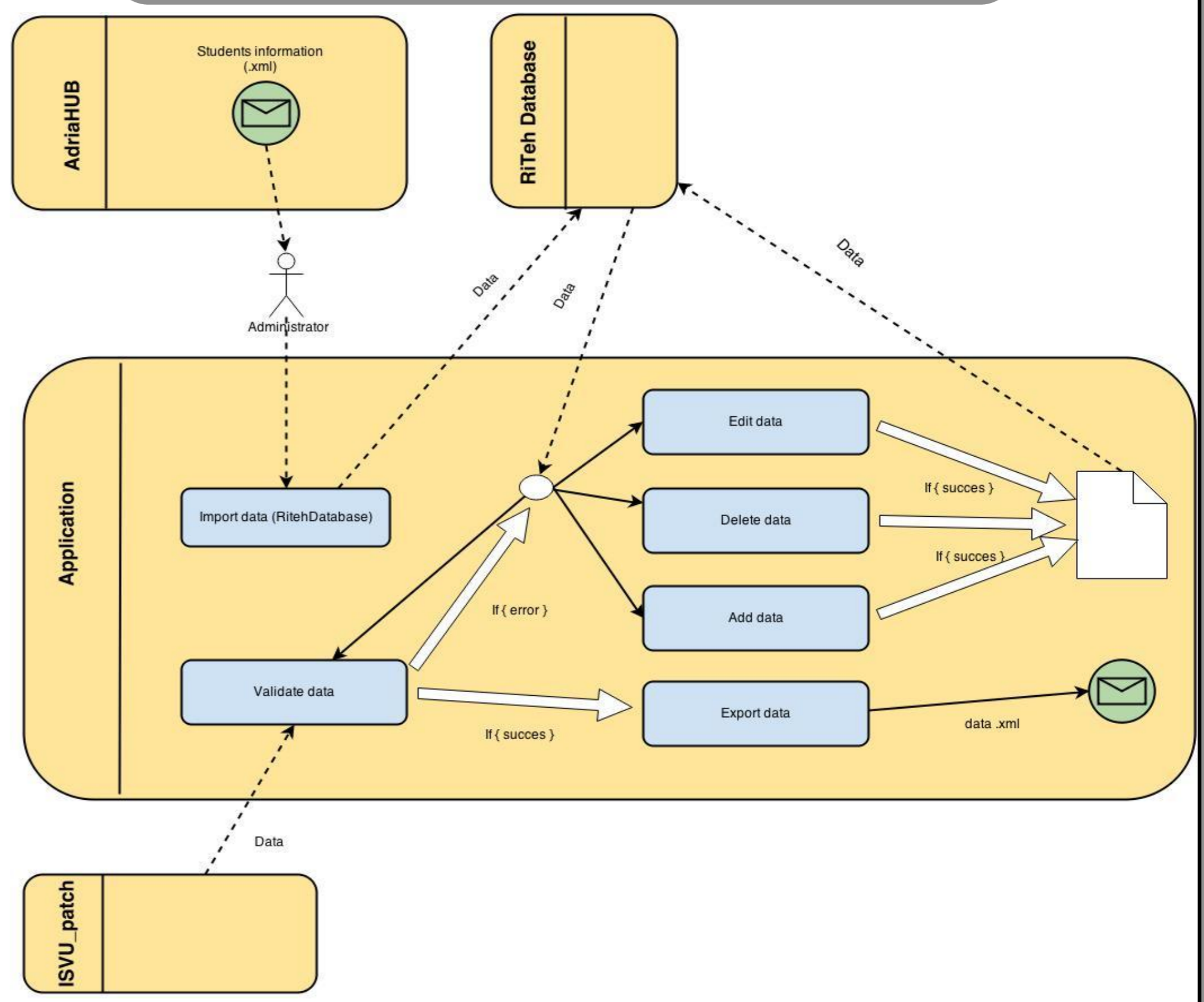
| # | Ime i prezime | Spol | Datum rođenja | JMBAG | Studij | Status | | |
|---|---------------|------|---------------|------------|---|-------------------------------------|--|-------|
| 1 | Vjera Vjerić | F | 18.01.1990 | 0069045333 | Preddiplomski sveučilišni studij računarstva | Podatak uredno prošao certifikaciju | | Izvoz |
| 2 | Tonko Tonkić | M | 06.03.1988 | 0069037922 | Preddiplomski sveučilišni studij brodogradnje | Podatak uredno prošao certifikaciju | | Izvoz |

5. Certificated list of students

Conclusion

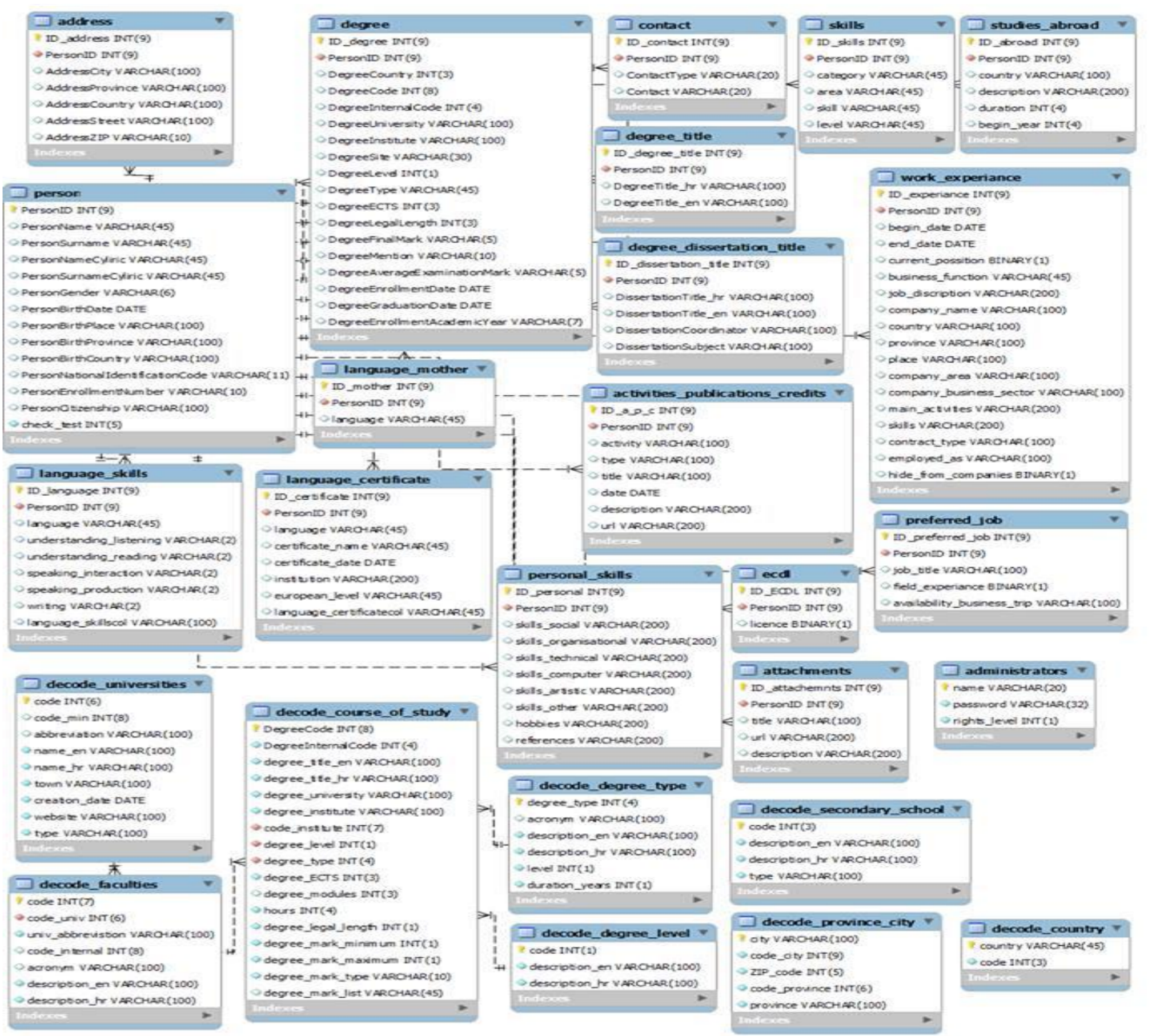
- **Experienced problems:**
 - Acquiring final specification requirements
 - Adjusting application to user requirements
- **Learned Concepts:**
 - Working and communicating with the team and the application users
 - Changing the application interface and logic on user demand
- **Future work improvements**
 - Add options to generate certificates about students
 - Generate some kind of CV (curriculum vitae)

Overall Architecture



Brief description: Student information is obtained from a remote AdriaHub database in .xml format. The administrator inserts the data in the home (Riteh) database. That data can then be validated with the decoding system in the home database or the ISVU patch system. If the validation is successful the data can then be exported in a .xml file. In case of errors in the validation process, the administrator can edit, delete or add missing fragments of data and run the validation process again

Database



• **Brief description:** The information about students who graduated are stored in the database. That database is compared to the ISVU system database. If they match the student information is certified and valid. The application works with a local ISVU_patch database which is stored in a read-only format and used exclusively for data comparison.