

*innovation and Knowledge Management towards
eStudent Information System – iKnow*

Student Enrolment System

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Objective

The objective of this project is to design a web-based system that will support the university enrolment process (on-line university admission system).

The intent of the system is to:

- Exchange information about results
- Provide grading system and selection methodology
- Realize electronic registration and application
- Realize complete pro-active customized feedback
- Reports to university management, statistical office and Ministry of Education

The main objective of this project is to design a system that will automate the task carried out by different persons in the organization and performing the student admission process.

General overview

- The system is intended to be used by the
 - prospective students (candidates for university enrolment),
 - the admission officers,
 - the support personnel (at the university and departments/faculties level),
 - other government institutions (State Statistical Office, Ministry of Education).
- Business logic rules should easily be configurable without changes to the application source.
- The system should have an intuitive and effective WEB based interface
- Fast access to context dependent on-line help.

Existing System(s)

- The process of admission of new students at the public universities is regulated by the government (especially in the part of maximum number of students allowed to be enrolled on particular study programs and the scholarship).
- This regulation also prescribes
 - the documents candidates should provide,
 - the dates the documents are to be submitted to the University/Faculty admission office,
 - by which date the results must be published by the University/Faculty
 - the process of filling a complain by the candidates.

Constraints

- In general, in a single admission period a candidate can apply for a place on one Faculty only. However, the faculties often allow the candidates to apply on several study programs at the faculty in which case the candidate must appoint precedence.
- Most of the documents and certificates required from the candidates exist only in paper form

Challenges

- Different business rules for prerequisites on different study programs (different graduation exam subjects, additional medical record, additional exam required by some) – mostly regulated by faculties
- Different business rules for ranking of 'special' candidates (nationality, social status, ...) – regulated by the government
- Calculation of points for ranking can change and can be different for candidates from different schools
- Different rules for admission of candidates on the second & third cycle of studies

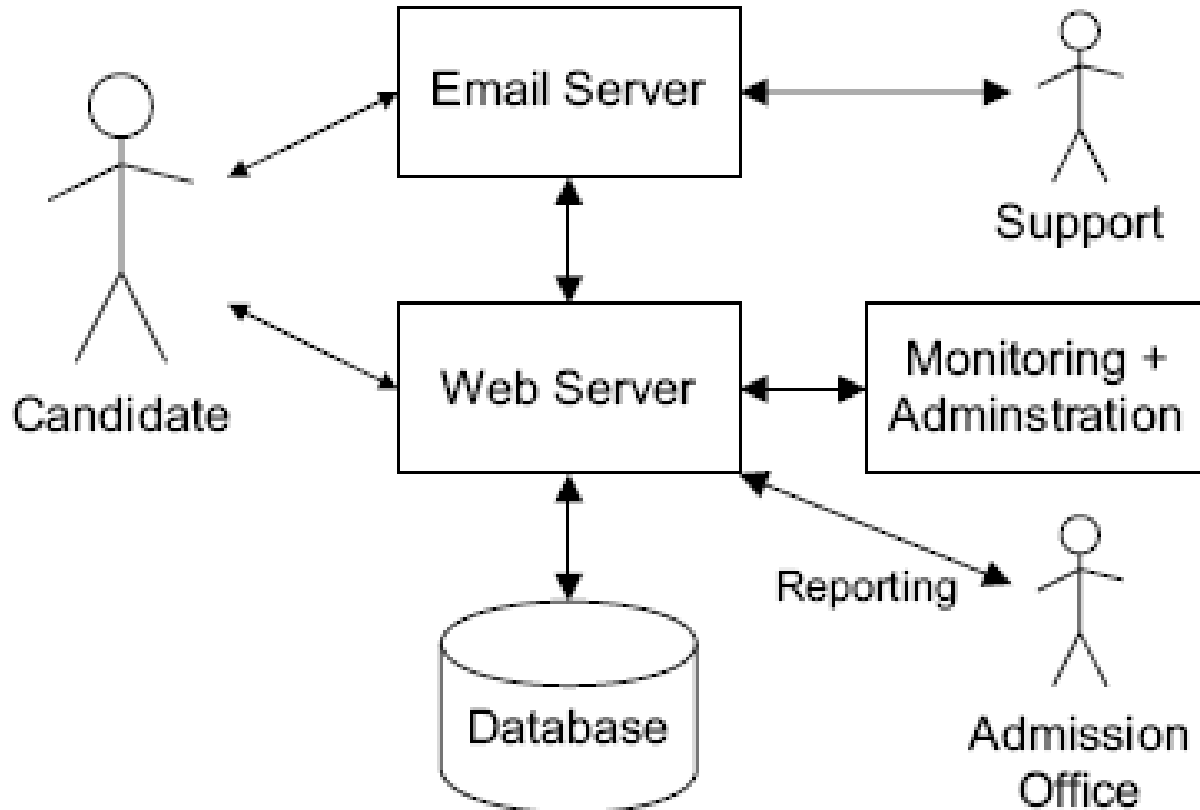
Expected Benefits

- **Reach to geographically scattered students**
- **Reducing time in activities** (process the applications of students, admitting a student, conducting the online examination, verify student marks, and send call letters to selected students)
- **Centralized data handling**
- **Paperless admission** with reduced manpower
- **Cost cutting**
- **Operational efficiency** (improve the quality of the process)

Goals

- Manage large number of candidate details
- Create candidate accounts and maintain candidate's data in an effective way
- View all the details of the students
- Create the statistical reports
- Enable the candidates to take proactive role in the process by entering their data in the system
- Provide the candidates with updates of the current status of the enrolment process

Overview



Basic functionalities

- Registration and Login System
- Application form filling & submitting
- Checking prerequisites
- Ranking the candidates
- Production of the preliminary / final list of accepted / rejected candidates
- Filling a complain form / revision / resolution & reporting
- Produce various statistical reports
- Online Counseling & help