Systems for Design and Implementation

Outline

- Testing
- Security
- Spring profiles

catalog-testing

DBUnit - exporting data

```
//java.sql
Connection conn = DriverManager.getConnection(...);
//org.dbunit.database
IDatabaseConnection connection = new DatabaseConnection(conn);
QueryDataSet partialDataSet = new QueryDataSet(connection);
partialDataSet.addTable("student", " SELECT * FROM student WHERE ... ");
partialDataSet.addTable("discipline", " SELECT * FROM discipline WHERE ... ");
//org.dbunit.dataset.xml
FlatXmlWriter datasetWriter = new FlatXmlWriter(new FileOutputStream("db-data.xml"));
datasetWriter.write(partialDataSet);
```

catalog-security

Spring profiles
@Profile("name")

spring.profiles.active
spring.profiles.default
@ActiveProfiles("name") - tests