

Requirements for Preliminary Project in EOOP Laboratory

Each student receives a keyword for the project during EOOP Laboratory. The keyword has to be name of one class and at least three other are required.

The document of Preliminary Projects has to contain four points:

1. Description of the project ("The Story")
The description defines functionalities of the classes and relations between them. Some limits and restrictions should be specified there. The functionality of each class should be simple, anyway consistent and complete (considering all consequences of the particular choices). Description is presented in the natural language up to one page.
2. Case study (a memory map)
It should be a drawing presenting relations between number of objects from different classes. These relations should be representative and should show how particular pointers are organized in a coherent way.
3. Declaration of the classes
Written in C++ declaration of the classes should present declarations of all public methods and private data structures of each class. In comments special behaviors of methods should be explained.
4. Testing
Written in C++ scenarios of correct and incorrect cases, with explanations what sequences of instructions should demonstrate.