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## Modernization of web service for the data center simulation program

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The data storage and processing systems simulation program "SyMSim" was developed at the Laboratory of Information Technologies of the Joint Institute for Nuclear Research. The input parameters and the simulation results are stored in a database. A web service was developed to interact with the program, but it has some disadvantages.

- there are no examples of program operation and guest mode;
- user's personal cabinet isn't finished;
- there is no visual output of the results;
- there is no form for creating a model;
- design of the web service isn't finished;

The web service user interface modernization results are presented:

- user manual, examples of using the program and guest mode are developed;
- user's personal account is modified and has user-friendly interface;
- the process of creating the simulated infrastructure and setting the equipment parameters is modified;
- results output has been visualized.

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