

Requirements to the technical document(first 13 are mandatory):

1. It must be written in **English**(translation to German is welcomed);
2. Don't forget to add a section "Content";
3. You shouldn't copy and paste original task, you can just describe in a few words your system and its main goal(not more than 1 paragraph);
4. Give a list of used technologies and frameworks;
5. Describe additional implemented features that are not in the main task (your features);
6. Provide the scheme of database with description of tables and their relations;
7. Describe your explication and implementation of the model from the task(for example, do you have routes from point A to point B? What is it? What is a timetable? What is a basket?...)
8. Describe your modules in the application and their interaction.
9. Describe your UI: filters, do you have a template or common parts, give names of mail pages in the code, css, used library...
10. Describe the level of business logic(services, how are they called, the list of service names with "short" description);
11. Describe your entities, dao, how do you handle transactions;
12. Attach screenshots of the application(main pages);
13. Junit tests: their names and what they test;

14. How is your application built and deployed?
15. How is the logging configured, give a short example of the log file content;
16. What patterns are used in the application(if they are used), is there any additional mapping, implemented algorithms? Additional util classes or constant list? Is there any security checks?
17. To make your text more readable provide use case diagrams, class diagrams, sequence diagrams;
18. If you have a statistic about your application/code (for example, from sonar) attach it as well;
19. If you have any ideas about the improvement of the application or new features to be implemented in the next releases, please describe them too.