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30432

CompSciPrep
Use-Case Model

Version 1.0

CompSciPrep	Version: 1.0
Use-Case Model	Date: 19/MAR/19
Project_UseCaseModel.docx	

Revision History

Date	Version	Description	Author
<dd/mmm/yy>	1.0	Initial Specification	Iancu Paul

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Table of Contents

1. Use-Cases Identification	4
2. UML Use-Case Diagrams	4

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Project_UseCaseModel.docx	

Use-Case Model

1. Use-Cases Identification

Use case: Submit a solution to a problem

Level: user goal

Primary actor: Candidate

Main success scenario:

1. The user opens the application
2. The application prompts the user to log in
3. The user writes his credentials
4. The user clicks log in
5. The system validates the credentials
6. The application redirects the user to the home page
7. The user searches for problems by selecting categories
8. The user clicks the search button
9. The user is redirected to a list of problems that match the searched for categories
10. The user clicks on a problem
11. The user views the problem's details
12. The user clicks the "Make Submission" button
13. The user will choose between one of the supported languages(C\C++, Java, Python)
14. The application will open a open file dialog
15. The user chooses a file to upload
16. The user clicks the "Upload" button
17. The user will wait until his solution is evaluated
18. The user clicks on the "View Results" button
19. The user is directed to a list of result for each test run

Extensions:

- 5'. The application finds the credentials invalid
- 6'. The application redirects the user to the login screen
- 16'. The file is not a valid source code file for the selected language

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UML Use-Case Diagrams

