Appendix A (This must be the first page in your assignment report).

ASSIGNMENT COVER SHEET

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| --- | --- | --- |
| Student’s name | (First name)  Jakub | (Last name)  Panczyszyn |
| Module name | Software Engineering & Agile |  |
| Title of assignment | Coursework – Software Engineering & Agile |  |
| Complete Word Count  in my assignment |  |  |
| Date submitted | 06/10/2023 |  |

All work must be submitted by the due date. If an extension of time to submit work is required, a [Mitigating Circumstances Extension Form](https://canvas.qa.com/courses/1041) must be submitted.

<https://canvas.qa.com/courses/1041>

Has an extension been approved? Yes  No If yes, please give the new submission date ….…/..…./…….

|  |
| --- |
| IMPORTANT: THIS STATEMENT MUST BE READ & SIGNED    Academic Integrity Statement    Academic integrity and honesty are fundamental to the academic work you produce at the University of Roehampton. You are expected to complete coursework that is your own and which is referenced appropriately. The university has in place measures to detect academic dishonesty in all its forms. If you are found to be cheating or attempting to gain an unfair advantage over other students in any way, this is considered academic misconduct and you will be penalised accordingly.    I declare that the work I am submitting is my work, is properly referenced and has not been submitted elsewhere. |
| Student Signature (Full Name): Jakub Panczyszyn  Date: 06/10/2023 |

# Task 1: Web Application Development

The main goal of this application was to improve the efficiency of employees requesting holidays and for managers to quicky respond to those requests. To achieve this goal, Django web framework has been used to deploy a web application that can be used on both desktop and mobile platforms. In addition to the Django web framework, Bootstrap 5 and jQuery has also been used to streamline the user experience. This web application requires its users to register, after which, the administrator can then assign the employee records to appropriate groups, which dictate who can and who can’t approve other people’s holiday requests. Once that’s done, the users can then start creating new holiday requests by clicking the “New Request” button on the navigation bar up top. After which, their managers will be able to see the request on their dashboard and decide whether the holiday can be approved or not.

The web application can be accessed at: <http://jakubpanczyszyn.pythonanywhere.com>.