6. Consultants for thesis work with an indication of the relevant areas of work:

Personnel management system for a private company ystem is designed and implemented in a front-end and back-end separation. The front-end implementation uses the html,css,bootsrap and jQuery; the back-end design pattern uses the Spring MVC design pattern, as language Php and sql.

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| 7. Dates of consultation | | | |
| № | | Consultation Date | The Topic of Consultation | Signature |
| 1 | | 08.09.2020 | Theme choice and analysis of the thesis |  |
| 2 | | 08.09.2020 | Preparation of the technical task |  |
| 3 | | 13.10.2020 | Analysis of the existing solutions |  |
| 4 | | 13.10.2020 | Modeling application functions |  |
| 5 | | 03.12.2020 | UML design |  |
| 6 | | 3.12.2020 | Data modeling |  |
| 7 | | 20.01.2021 | Architecture designing |  |
| 8 | | 20.01.2021 | Designing of the user interface |  |
| 9 | | 02.02.2021 | Selection and analysis of programming tools |  |
| 10 | | 02.02.2021 | Modeling of physical database structure |  |
| 11 | | 02.03.2021 | Thesis implementation |  |
| 12 | | 02.03.2021 | Testing and debugging |  |
| 13 | | 05.05.2021 | Preparation of thesis node and presentation |  |

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| 8. Date of issue of the task: |  |

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| 9. Student's signature: |  |

F 20-064

EDUCATION INSTITUTION

«Grodno State University Of Yanka Kupala»

**THE TASK**

**By Preparation**

**graduation project (work)**

Department of Modern Programming Technologies

Faculty of Mathematics And Informatics

«Approved»

Head of Department\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(Signature)

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| --- | --- | --- |
| «\_\_\_» | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 2021 |

(Date)

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| --- | --- |
| The head of the graduation project (work) | \_\_\_\_\_\_\_\_\_\_ Rudikova L.V. |

|  |  |
| --- | --- |
|  |  |
| Student | ***Nkulu kilumba emmanuel*** | | |
|  | | | |
| (full name) | | | |

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| --- |
| 1. Theme of thesis: |
| ***Development of personnel management for a private company*** |

Approved by university order

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| --- | --- | --- | --- | --- | --- |
| **from** |  | 2021 |  | № |  |

|  |  |
| --- | --- |
| 2**.** Deadline student  Finished work: | 18 may, 2021 |

3. Background to the thesis:

|  |
| --- |
| *Data of library management and lending platforms* |

4.The list of issues to be developed in the thesis work or a summary of the thesis:

|  |  |
| --- | --- |
| **№** | **Contents of the question** |
| *1.* | *Sample analysis and identification of the website "book lending" requirements* |
| *2.* | *Design web applications to develop the basic parts of an analytical data processing system: data entities, interfaces, and functional methods.* |
| *3.* | *Select development software and techniques to achieve the goals of the paper.* |
| *4.* | *Implementation of the "Book Management and Borrowing System" website* |
| *5.* | *Preparation of the thesis* |

5. List of graphic or other materials (with obligatory listing):

|  |  |
| --- | --- |
| **№** | **Material name** |
| *1.* | *Explanatory note to the thesis.* |
| *2.* | *Software.* |
| *3.* | *Program presentation of the results of the thesis.* |