Data dictionary of MedicalLaboratory

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Version: 1

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| **payment\_servic** | | | | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **id** | INT | Y |  |
| FK | **order\_id** | INT | Y |  |
|  | **price** | MONEY | Y |  |

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| **order** | | | | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **id** | INT | Y |  |
|  | **creation\_date** | DATE | Y |  |
| FK | **status\_order** | INT | N |  |
| FK | **status\_servic** | INT | N |  |
|  | **execution\_time(day)** | INT | Y |  |
| FK | **user\_id** | INT | N |  |
| FK | **biomaterial\_id** | INT | N |  |

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| **status\_service** | | | | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **id** | INT | Y |  |
|  | **name** | NVARCHAR(100) | Y |  |

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| **status\_order** | | | | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **id** | INT | Y |  |
|  | **name** | NVARCHAR(100) | Y |  |

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| **biomaterial** | | | | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **id** | INT | Y |  |
|  | **name** | NVARCHAR(100) | Y |  |
|  | **cost** | MONEY | Y |  |

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| **service** | | | | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **id** | INT | Y |  |
|  | **service\_name** | NVARCHAR(100) | Y |  |
|  | **cost** | MONEY | Y |  |
|  | **code** | BIGINT | N |  |
|  | **execution\_time(day)** | INT | N |  |
|  | **mean\_deviation** | FLOAT | N |  |

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| **analyzer** | | | | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **id** | INT | Y |  |
|  | **name** | NVARCHAR(50) | Y |  |

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| **work\_analyzer** | | | | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **Id** | INT | Y |  |
| FK | **analyzer\_id** | INT | N |  |
|  | **order\_received\_date** | DATE | Y |  |
|  | **order\_received\_time** | TIME | Y |  |
|  | **order\_execution\_time(sec)** | BIGINT | Y |  |
| FK | **service\_id** | INT | N |  |
|  | **result** | INT | N |  |
|  | **status** | NVARCHAR(50) | N |  |

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| **performed\_service** | | | | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **Id** | INT | Y |  |
|  | **execution\_date** | DATE | Y |  |
|  | **executor\_id** | INT | Y |  |
| FK | **analyzer\_id** | INT | Y |  |
| FK | **patient\_id** | INT | Y |  |
|  | **result** | NVARCHAR(MAX) | N |  |

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| **authorization** | | | | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **id** | INT | Y |  |
| FK | **user\_id** | INT | Y |  |
|  | **ip** | NVARCHAR(50) | N |  |
|  | **last\_date\_of\_entry** | DATE | Y |  |
|  | **last\_time\_of\_entry** | TIME | N |  |

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| **user** | | | | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **id** | INT | Y |  |
|  | **lastname** | NVARCHAR(100) | Y |  |
|  | **name** | NVARCHAR(50) | Y |  |
|  | **surname** | NVARCHAR(100) | N |  |
| FK | **role** | INT | Y |  |
|  | **login** | NVARCHAR(50) | Y |  |
|  | **password** | NVARCHAR(50) | Y |  |

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| **role** | | | | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **id** | INT | Y |  |
|  | **name** | NVARCHAR(100) | Y |  |

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| **add\_inform** | | | | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **id** | INT | Y |  |
|  | **user\_id** | INT | Y |  |
|  | **date\_of\_birth** | DATE | N |  |
|  | **passport\_series** | INT | Y |  |
|  | **passport\_number** | INT | Y |  |
|  | **phone** | NVARCHAR(50) | N |  |
|  | **photo** | BINARY | N |  |
|  | **email** | NVARCHAR(50) | Y |  |
|  | **ins\_policy\_number** | NVARCHAR(20) | N |  |
| FK | **ins\_policy\_type** | INT | N |  |
| FK | **ins\_company\_id** | INT | N |  |

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| **ins\_company** | | | | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **id** | INT | Y |  |
|  | **company\_name** | NVARCHAR(225) | Y |  |
|  | **address** | NVARCHAR(225) | N |  |
|  | **inn** | BIGINT | N |  |
|  | **[r/s]** | NVARCHAR(50) | N |  |
|  | **bik** | NVARCHAR(50) | N |  |

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| **ins\_policy\_type** | | | | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **id** | INT | Y |  |
|  | **name** | NVARCHAR(100) | Y |  |