Sprint Diary MR2

ca. 50% implemented

## Reference for the MR2(Milestone 2) overview :

<https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/milestones/2>

## Sprint 2 User Stories:

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| ID: 1.1 | Title: As a worker or admin I want to be able to create tasks of my assigned animals (only necessary for workers). |
| * Every task has to be stored in the database. * For each task the following attributes will be saved:   + Title (mandatory)   + Description (mandatory)   + Starttime (mandatory)   + Endtime (mandatory)   + Subject (animal or enclosure; mandatory)   + Status (mandatory; with following possible values)     - not assigned yet     - in process     - done     - error | |
| Cost: 13 | |

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| ID: 1.3 | Title: As creator of a task or as the Admin I want to be able to assign tasks to workers. |
| * It is possible to distinguish between different worker types. * For a task assignment the assigned worker, the task and the required worker type will be saved. | |
| Cost: 5 | |

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| ID: 1.7 | Title: As a worker I want to be able to view the tasks assigned to me. |
| * Tasks that are not finished yet need to be displayed in a to do list. | |
| Cost: 5 | |

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| ID: 1.5 | Title: As a worker I want to be able to mark tasks as done. |
| * The status of the task will be automatically changed. * The task will no longer be displayed in to do lists. | |
| Cost: 3 | |

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| ID: 1.9 | Title: As creator of a task or as the Admin I want to be able to delete tasks. |
| * Deleting of tasks has to be irreversible. | |
| Cost: 2 | |

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| ID: 2.4 | Title: As administrator I want to be able to delete animals. |
| * Deleting of animals has to be irreversible. * If there are still tasks assigned to the animal a warning will be shown. | |
| Cost: 3 | |

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| ID: 6.4 | Title: As administrator I want to be able to delete accounts. |
| * Deleting of accounts has to be irreversible. * If there are still tasks assigned to workers a warning will be shown. | |
| Cost: 5 | |

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| ID: 4.1 | Title: As administrator I want to be able to create enclosures. |
| * Every enclosure has to be stored in the database. * For each enclosure the following attributes will be saved:   + Name (mandatory)   + ID (unique)   + Description (optional)   + Public information (optional)     - description     - picture | |
| Cost: 8 | |

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| ID: 4.5 | Title: As an Administrator I want to have an overview of the enclosures. |
| * List of enclosures in the database | |
| Cost: 5 | |

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| ID: 4.3 | Title: As administrator I want to be able to assign animals to enclosures. |
| * It has to be possible to assign several animals to the same enclosure. | |
| Cost: 5 | |

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| --- | --- |
| ID: 4.4 | Title: As administrator I want to be able to delete enclosures. |
| * Deleting of enclosures has to be irreversible. * If there are still tasks assigned to the enclosure a warning will be shown. * An enclosure can’t be deleted while being inhabited by animals. | |
| Cost: 5 | |

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| ID: 1.2 | Title: As a worker or admin I want to be able to create tasks of enclosures inhabited by my assigned animals (only necessary for workers). |
| * Every task has to be stored in the database. * For each task the following attributes will be saved:   + Title (mandatory)   + Description (mandatory)   + Starttime (mandatory)   + Endtime (mandatory)   + Subject (animal or enclosure; mandatory)   + Priority (optional)   + Status (mandatory; with following possible values)     - not assigned yet     - in process     - done     - error | |
| Cost: 8 | |

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| --- | --- |
| ID: 1.10 | Title: As task creator I want to be able to set my tasks to high priority. |
| * The automatic task assignment finds the earliest time possible for the task to be done, without balancing workload. | |
| Cost: 3 | |

Total cost: 70

## Completed Issues(closed):

* [[US 1.5] Testing](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/134)
* [[US 4.4] Delete Enclosures: Implementing Tests](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/133)
* [[US 1.3] Assign Tasks: Testing](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/132)
* [[US 1.1] [US 2.4] AnimalTask delete on Animal delete](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/131)
* [[4.1] [4.5] Fixing Build Bugs](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/130)
* [[4.1] Backend Tests](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/129)
* [[US 4.1] Enclosure Mapper](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/128)
* [[US 4-5] Backend Testing](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/127)
* [[US 6.4] Deleting accounts: Testing](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/126)
* [[US 1.1] Backend Tests](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/124)
* [[US 2.4] Deleting Animals: Testing](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/123)
* [[US 1.2] Creating Tasks (Enclosures): Enclosure Persistence](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/113)
* [[US 4.4] Delete Enclosures: Enclosure Persistence](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/109)
* [[US 4.4] Delete Enclosures: Enclosure Service](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/108)
* [[US 4.4] Delete Enclosures: Enclosure Endpoint](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/107)
* [[US 4.4] Delete Enclosures: Edit Enclosure Page Frontend](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/106)
* [[US 4.3] Assign Animals to Enclosure: Enclosure Persistence](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/105)
* [[US 4.3] Assign Animals to Enclosure: Enclosure Service](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/104)
* [[US 4.3] Assign Animals to Enclosure: Enclosure Endpoint](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/103)
* [[US 4.3] Assign Animals to Enclosure: Edit Enclosure Page Frontend](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/102)
* [[US 4.3] Assign Animals to Enclosure: Edit Animal Page Frontend](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/101)
* [[US 4.5] Enclosure Overview: get all Enclosures Backend](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/100)
* [[US 4.5] Enclosure Overview: add List to Enclosure Creation Page](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/99)
* [[US 4.1] Creating Enclosures: Enclosure DTO](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/98)
* [[US 4.1] Creating Enclosures: Enclosure Persistence/Entity](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/97)
* [[US 4.1] Creating Enclosures: Enclosure Service](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/96)
* [[US 4.1] Creating Enclosures: Enclosure Endpoint](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/95)
* [[US 4.1] Creating Enclosures: (single) Enclosure Page Frontend](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/94)
* [[US 4.1] Creating Enclosures: Enclosure Creation Page Frontend](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/93)
* [[US 6.4] Deleting Accounts: Employee Persistence](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/92)
* [[US 6.4] Deleting Accounts: Employee Service](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/91)
* [[US 6.4] Deleting Accounts: Employee Endpoint](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/90)
* [[US 6.4] Deleting Accounts: Employee Page Frontend](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/89)
* [[US 2.4] Deleting Animals: Animal Persistence](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/88)
* [[US 2.4] Deleting Animals: Animal Service](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/87)
* [[US 2.4] Deleting Animals: Animal Endpoint](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/86)
* [[US 2.4] Deleting Animals: Animal Page Frontend](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/85)
* [[US 1.9] Deleting Tasks: Task Persistence](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/84)
* [[US 1.9] Deleting Tasks: Task Service](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/83)
* [[US 1.9] Deleting Tasks: Task Endpoint](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/82)
* [[US 1.9] Deleting Tasks: Task Page Frontend](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/81)
* [[US 1.5] Marking Tasks as done: Task Persistence](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/80)
* [[US 1.5] Marking Tasks as done: Task Service](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/79)
* [[US 1.5] Marking Tasks as done: Task Endpoint](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/78)
* [[US 1.5] Marking Tasks as done: Frontend addition to Task Page](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/77)
* [[US 1.7] Worker view Tasks: Backend Get Tasks of Worker](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/76)
* [[US 1.7] Worker view Tasks: Frontend Page](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/75)
* [[US 1.3] Assigning Tasks: Task Persistence](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/74)
* [[US 1.3] Assigning Tasks: Task Service/Validation](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/73)
* [[US 1.3] Assigning Tasks: Task Endpoint](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/72)
* [[US 1.3] Assigning Tasks: Assignment Frontend](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/71)
* [[US 1.1] Creating Tasks (animals): Task Page Frontend](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/70)
* [[US 1.1] Creating Tasks (animals): Task Overview Frontend](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/69)
* [[US 1.1] Creating Tasks (animals): Task DTO](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/68)
* [[US 1.1] Creating Tasks (animals): Task Persistence/Entitiy](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/67)
* [[US 1.1] Creating Tasks (animals): Task Service/Validation](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/66)
* [[US 1.1] Creating Tasks (animals): Task Endpoint](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/65)
* [[US 1.1] Creating Tasks (animals): Task Creation button Frontend](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/64)

## Ongoing Issues(opened):

* [[US 1.10] High Priority Tasks: Persistence](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/118)
* [[US 1.10] High Priority Tasks: Task Service](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/117)
* [[US 1.10] High Priority Tasks: Task Endpoint](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/116)
* [[US 1.10] High Priority Tasks: Edit Task Overview Frontend](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/115)
* [[US 1.10] High Priority Tasks: Edit Task Page Frontend](https://reset.inso.tuwien.ac.at/repo/2020ss-SEPM-group/ss20_sepm_qse_07/-/issues/114)

## Current situation

Second Sprint went pretty much successfully and approximately 50% of project work has been implemented. In this stage entities and suitable databases have been implemented, for creating tasks. The user is now able to create task and also assign them to employee. The administrator has the option of deleting tasks, animals and employees to the system, as well as a clear overview of the current state of the database for task, animals and employees. Administrator is able to assign animals to enclosures. Of the additional services, worker or admin is able to create tasks of enclosures inhabited by assigned animals.