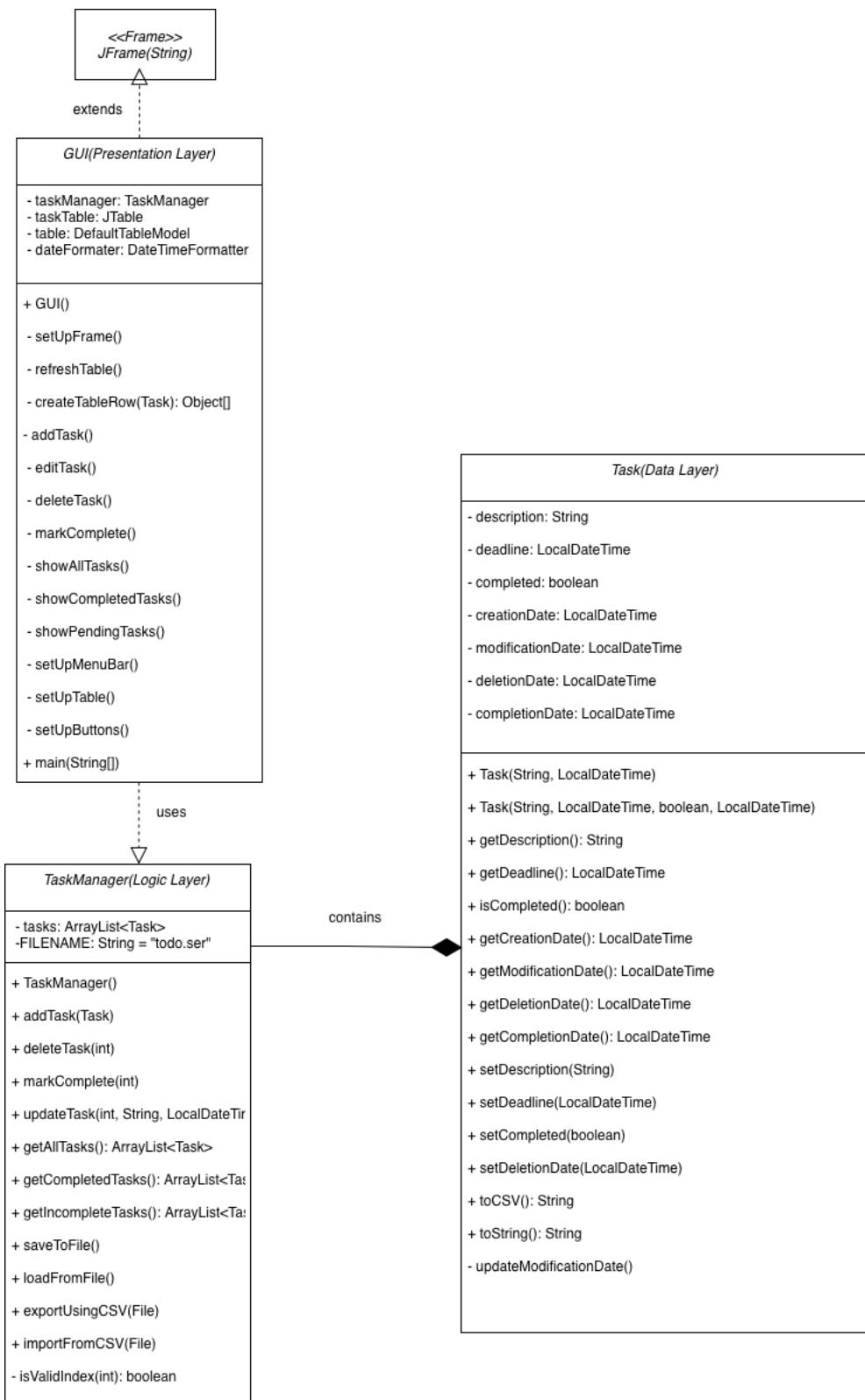


Nicole Binta-Funmi Lekwot



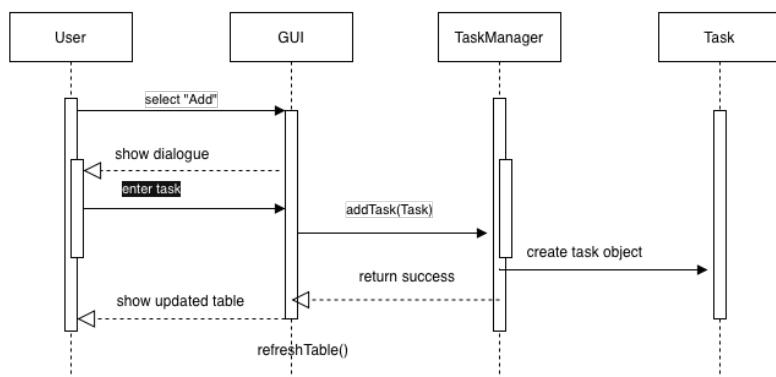
TODO APPLICATION

CLASS DIAGRAM



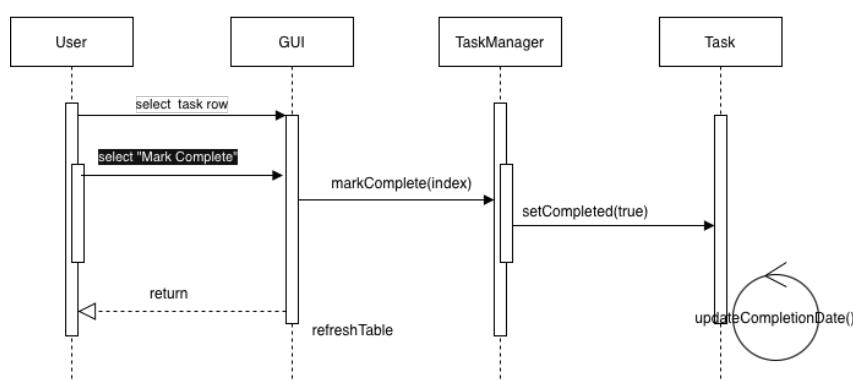
SEQUENCE DIAGRAM

ADD TASK USE CASE



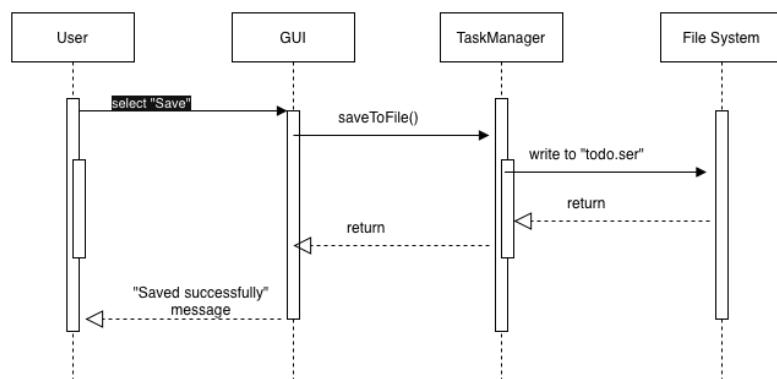
NIHMASJDSNCUXJ

MARK TASK COMPLETE USE CASE

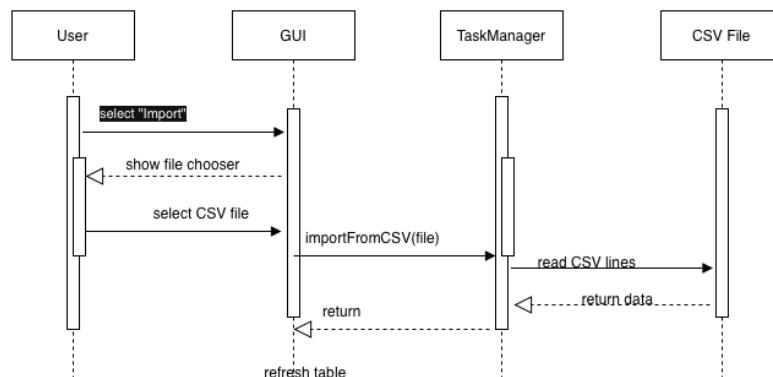


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SAVE TO FILE USE CASE



IMPORT CSV USE CASE



UNIT TESTS

TASK tests

- testTaskCreation(): it checks if a task is created correctly with all default values
- testTrackingForModification(): it verifies if the modification date updates when task changes

TASKMANAGER tests

- testAddTask(): checks the adding a task to the manager and verifies count increases
- testDeleteTask(): checks the removing a task and verifies count decreases
- testMarkComplete(): checks the marking a task as completed and verifies status
- testUpdateTask(): checks the updating task description and deadline
- testSaveAndLoad(): checks the saving tasks to file and loading them back
- testInvalidIndexHandling(): checks the error handling for invalid task indices
- testEmptyManager(): tests the behavior when manager has no tasks
- testLayerSeparation(): tests the integration between Task and TaskManager layers