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| **Test #** | **Scenario** | **Input** | **Expected Result** |
| 1 | User “Add” | Action = add | Prompt asking the user to enter the description of the new task |
| 2 | User enters “add Pick apples up” | Action = add  Desc = Pick apples up | New Task with task\_id 1 added. |
| 3 | User enters “Add Pick apples up !1” | Action = Add  Desc = Pick apples up  Priority = 1 | New Task with task\_id 1 added. |
| 4 | User enters “Add Pick apples up !1 #Thanksgiving” | Action = Add  Desc = Pick apples up  Priority = 1  Project = Thanksgiving | New Task with task\_id 1 added. |
| 5 | User enters “Add Pick apples up #Thanksgiving” | Action = Add  Desc = Pick apples up  Project = Thanksgiving | New Task with task\_id 1 added. |
| 6 | User enters “Add Pick apples up !0” | Action = Add  Desc = Pick apples up  Priority = 0 | InvalidInputException thrown, message shown |
| 7 | User enters “Add Pick apples up !5” | Action = Add  Desc = Pick apples up  Priority = 5 | InvalidInputException thrown, message shown |
| 8 | User enters “Add Pick apples up #Thanks giving” | Action = Add  Desc = Pick apples up  Project = Thanks giving | InvalidInputException thrown, message shown |
| 9 | User enters “Upd” | Action = upd | Prompt asking the user for information |
| 10 | User enters “Upd 1 pick up apples from farm !2 #Christmas” (A task that exitsts) | Action = upd  Task\_id = 1  Desc = pick up apples from farm  Priority = 2  Project = Christmas | The task with task\_id 1 has their desc changed to “pick up apples from farm”.  Priority changes to 2  Project changes to Christmas |
| 11 | User enters “Upd -1 pick up apples from farm” (A task that doesn’t exist) | Action = upd  Task\_id = 1  Desc = pick up apples from farm  Desc = pick up apples from farm | TaskNotFoundException thrown, message shown |
| 12 | User enters “rem” | Action = rem | User is prompted for which task\_id to remove |
| 13 | User enters “rem 1” (A task that exists) | Action = rem  Task\_id = 1 | The task with id 1 is removed, confirmation message is shown to the user |
| 14 | User enters “rem -1” (A task that does not exists) | Action = rem  Task\_id = -1 | TaskNotFoundException thrown, message shown |
| 15 | User enters “done” | Action = done | User is prompted for which task\_id |
| 16 | User enters “done 1” (A task that exists) | Action = done  Task\_id = 1 | The task with id 1 has it’s completed changed from False to True |
| 17 | User enters “done 1” (A task that does not exists) | Action = done  Task\_id = -1 | TaskNotFoundException thrown, message shown |
| 18 | User enters “list” | Action=”list” | User is prompted for which type of list they want to see |
| 19 | User enters “list all” | Action=”list all” | All task items are printed |
| 20 | User enters “list todo” | Action=”list todo” | All task items that have not been completed are printed |
| 21 | User enters “list donuts” | Action=”list donuts” | InvalidInputException thrown, message shown |
| 22 | User enters “purge” | Action=”purge” | All completed tasks are removed from the list |
| 23 | User enters ‘q’ or control-C |  | App exits |