

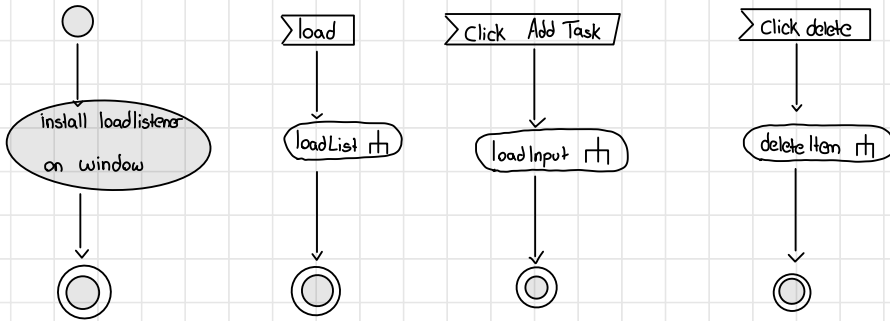
# Tasklist : DataStructure ~ 06.11.2024

Name : String	Title of Task : string	deadline : date	Comment : string	Status : String
Bernd	Grocery Shopping	06.11.2024 12:00	Buy milk, eggs, and bread	Completed
Kevin	Finish Homework	11.11.2024 17:00	Complete math and Science assignments	In Progress
"				
"				
"				
"				

## JSON

```
{  Name : "Bernd", Task: "Grocery Shopping", deadline: "06.11.2024 12:00", comment: "Buy milk, eggs and bread", Status: "Completed" },  
{  Name : "Kevin", Task: "Finish Homework", deadline: .... }
```

# Aktivitätsdiagramm ~ 07.11.2024



deleteItem

Activity "call deleteItem()":  
The deleteItem() function  
is called

Activity "Log to Console": The  
message "Item wird aus der  
Liste gelöscht" is printed  
to the console

markItem

Activity "call markItem()":  
The markItem() function  
is called

The message "Item wurde abgehandelt"  
is printed to the console

addItem

The addItem() function  
is called

The message "Neues Item  
wird zur Liste hinzugefügt"  
is printed to the console

updateItem

The updateItem()  
is called

The message "Item kann  
nun bearbeitet werden" is  
printed to the console

initialize

Activity "Call initialize()": The  
initialize() function is called

Activity "Select Buttons": The function  
selects #trash, #check, #newItem, and  
#edit and assigns them to deleteButton,  
checkButton, addButton, and editButton.

Decision Note: check if each button exists  
· If Exists: Add the corresponding event listener.  
· If Does Not Exist: Skip adding an event listener  
for that button

Activities for Each Button: For each button  
that exists:

- Attach Event Listener to deleteButton: Calls deleteItem on click.
- Attach Event Listener to checkButton: Calls markItem on click.
- Attach Event Listener to addButton: Calls addItem on click.
- Attach Event Listener to editButton: Calls updateItem on click.

End Note: The function execution  
ends after all event listeners are  
added

