

## Introduction

File Overview: This file contains a dump of most of the codebase files for a task management app in development. It contains one file after the other. Each file has the filename listed at the top before the file contents. The code stack includes PHP, HTML, CSS, Javascript. I'm developing locally on my PC in VS Code. I coded a lot in the past, but I'm a beginner in many things as I start coding again.

File: .\temp.php

```
<?php phpinfo(); ?>
```

**File: .\config\Database.php**

```
<?php
```

```
class Database {
```

```
    private $host = 'localhost';
```

```
    private $db_name = 'happydo';
```

```
    private $username = 'root';
```

```
    private $password = '';
```

```
    //private $password = '9a00wo41';
```

```
    private $conn;
```

```
    public function connect() {
```

```
        $this->conn = null;
```

```
        try {
```

```
            $this->conn = new PDO('mysql:host=' . $this->host . ';dbname=' . $this->db_name, $this->username,
```

```
$this->password);
```

```
            $this->conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
```

```
        } catch(PDOException $e) {
```

```
            echo 'Connection Error: ' . $e->getMessage();
```

```
        }
```

```
        return $this->conn;
```

```
    }
```

```
}
```

**File: .\models\Task.php**

<?php

//error\_reporting(0); // Turn off all error reporting; use only for debugging

class Task {

private \$conn;

private \$table = 'tasks';

public \$id;

public \$task\_name;

public \$completed;

public function \_\_construct(\$db) {

    \$this->conn = \$db;

}

public function getTasks(\$filterType = 'today') {

    if (\$filterType === 'today') {

        \$query = 'SELECT \* FROM ' . \$this->table . ' WHERE completed = 0 AND (backlog IS NULL OR backlog = 0)';

    } elseif (\$filterType === 'back') {

        \$query = 'SELECT \* FROM ' . \$this->table . ' WHERE completed = 0 AND backlog IS NOT NULL AND

backlog != 0';

    } else {

        \$query = 'SELECT \* FROM ' . \$this->table . ' WHERE completed = 0 AND (backlog IS NULL OR backlog = 0)';

```
} //default is the same as today
```

```
// Prepare statement
```

```
$stmt = $this->conn->prepare($query);
```

```
// Execute query
```

```
$stmt->execute();
```

```
$num = $stmt->rowCount();
```

```
// Check if any tasks
```

```
if($num > 0) {
```

```
    // Tasks array
```

```
    $tasks_arr = array();
```

```
    $tasks_arr['data'] = array();
```

```
    while($row = $stmt->fetch(PDO::FETCH_ASSOC)) {
```

```
        // Directly use $row, as it already contains all the fields
```

```
        array_push($tasks_arr['data'], $row);
```

```
    }
```

```
// Turn to JSON & output
```

```
echo json_encode($tasks_arr);
```

```
} else {  
  
    // No Tasks  
  
    echo json_encode(['message' => 'No Tasks Found']);  
  
}  
  
}
```

```
public function getTask($id) {  
  
    // Create query  
  
    $query = 'SELECT * FROM ' . $this->table . ' WHERE id = ? LIMIT 0,1';  
  
  
    // Prepare statement  
  
    $stmt = $this->conn->prepare($query);  
  
  
    // Bind ID  
  
    $stmt->bindParam(1, $id);  
  
  
    // Execute query  
  
    $stmt->execute();  
  
  
    $row = $stmt->fetch(PDO::FETCH_ASSOC);  
  
  
    // Check if any task  
  
    if($row) {  
  
        // Wrap the task data in an array structure similar to getTasks(), even though there is only 1 task in it. This allows  
us to parse the data in the same way on the frontend.  
  
        $task_arr = array(  

```

```

        'data' => $row // Single task data

    );

    echo json_encode($task_arr); // Output the structured array as JSON

} else {

    // No Task

    echo json_encode(['message' => 'No Task Found']);

}

}

public function updateTask($id) {

    $query = 'UPDATE ' . $this->table . ' SET task_name = :task_name, completed = :completed WHERE id = :id';

    $stmt = $this->conn->prepare($query);

    $stmt->bindParam(':task_name', $this->task_name);

    $stmt->bindParam(':completed', $this->completed);

    $stmt->bindParam(':id', $id);

    if($stmt->execute()) {

        return true;

    }

    printf("Error: %s.\n", $stmt->error);

    return false;

}

```

```

public function updateTaskCompletion($id, $completed) {

    $query = 'UPDATE ' . $this->table . ' SET completed = :completed WHERE id = :id';

    $stmt = $this->conn->prepare($query);

```

```
$stmt->bindParam(':completed', $completed, PDO::PARAM_BOOL);
```

```
$stmt->bindParam(':id', $id, PDO::PARAM_INT);
```

```
if ($stmt->execute()) {
```

```
    return true;
```

```
}
```

```
return false;
```

```
}
```

```
public function updateTaskPriority($id, $priority) {
```

```
    $query = "UPDATE " . $this->table . " SET priority = :priority WHERE id = :id";
```

```
    $stmt = $this->conn->prepare($query);
```

```
    // Clean the data
```

```
    $priority = htmlspecialchars(strip_tags($priority));
```

```
    $id = htmlspecialchars(strip_tags($id));
```

```
    // Bind the data
```

```
    $stmt->bindParam(':priority', $priority);
```

```
    $stmt->bindParam(':id', $id);
```

```
    // Attempt to execute
```

```
    if($stmt->execute()) {
```

```
        return true;
```

```
}
```



```

printf("Error: %s.\n", $stmt->error);

return false;

}

public function updateTaskBacklog($id, $backlog) {

    $query = "UPDATE " . $this->table . " SET backlog = :backlog WHERE id = :id";

    $stmt = $this->conn->prepare($query);

    // Clean the data

    $backlog = htmlspecialchars(strip_tags($backlog));

    $id = htmlspecialchars(strip_tags($id));

    // Bind the data

    $stmt->bindParam(':backlog', $backlog);

    $stmt->bindParam(':id', $id);

    // Attempt to execute

    if($stmt->execute()) {

        return true;

    }

    printf("Error: %s.\n", $stmt->error);

    return false;

}

```

```
public function deleteTask($id) {

    $query = 'DELETE FROM ' . $this->table . ' WHERE id = :id';

    $stmt = $this->conn->prepare($query);

    $stmt->bindParam(':id', $id);

    if($stmt->execute()) {

        return true;

    }

    printf("Error: %s.\n", $stmt->error);

    return false;

}

}
```

**File: .\public\home.php**

```
<?php
```

```
// home.php
```

```
// Include your HTML file
```

```
include_once 'index.html';
```

File: .\public\index.html

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
  <title>Happy Do</title>
```

```
  <link href="https://fonts.googleapis.com/css2?family=Quicksand:wght@300;400;500&display=swap" rel="stylesheet">
```

```
  <link rel="stylesheet" type="text/css" href="styles.css">
```

```
  <script src="js/Sortable.min.js"></script>
```

```
</head>
```

```
<body>
```

```
  <div class="main-container">
```

```
    <h1>Happy Do</h1>
```

```
    <form id="task-form">
```

```
      <input type="text" id="task-input" placeholder="Enter a task">
```

```
      <button type="submit">Add Task</button>
```

```
    </form>
```

```
    <div class="nav-menu">
```

```
      <button id="btn-back">Back</button>
```

```
      <button id="btn-today">Today</button>
```

```
      <button id="btn-tomorrow">Tomorrow</button>
```

```
      <button id="btn-this-week"><b>&darr;</b> Week</button>
```

```
      <button id="btn-next-week"><b>&rarr;</b> Week</button>
```

```
      <button id="btn-this-month"><b>&darr;</b> Month</button>
```

```
      <button id="btn-next-month"><b>&rarr;</b> Month</button>
```

```
    </div>
```

<!-- Add this structure below the task entry form -->

<h2 id="unprioritized-title">?</h2>

<ul id="unprioritized-tasks" class="task-list"></ul>

<h2>A</h2>

<ul id="list-a-tasks" class="task-list"></ul>

<h2>B</h2>

<ul id="list-b-tasks" class="task-list"></ul>

<h2>C</h2>

<ul id="list-c-tasks" class="task-list"></ul>

<script src="taskHandler.js"></script>

<script src="script.js"></script>

</div>

</body>

</html>

**File: .\public\index.php**

```
<?php
```

```
ob_start();
```

```
//error_reporting(0); // Turn off all error reporting
```

```
header('Content-Type: application/json');
```

```
header('Access-Control-Allow-Origin: *');
```

```
header('Access-Control-Allow-Methods: POST, GET, PUT, DELETE');
```

```
header('Access-Control-Allow-Headers:    Access-Control-Allow-Headers,Content-Type,Access-Control-Allow-Methods,
Authorization, X-Requested-With');
```

```
include_once '../config/Database.php';
```

```
include_once '../models/Task.php';
```

```
$database = new Database();
```

```
$db = $database->connect();
```

```
$task = new Task($db);
```

```
$request_method = $_SERVER["REQUEST_METHOD"];
```

```
$response = [];
```

```
switch($request_method)
```

```
{
```

```
    case 'GET':
```

```
        //Check which filter type was requested
```

```
if(isset($_GET["filter"])) {  
  
    $filterType = $_GET["filter"];  
  
    $task->getTasks($filterType);  
  
    break;  
  
}
```

// If an id is defined, get a single task. Otherwise, get all tasks.

```
if(!empty($_GET["id"])) {  
  
    $id = intval($_GET["id"]);  
  
    $task->getTask($id);  
  
} else {  
  
    $task->getTasks();  
  
}  
  
break;
```

case 'PUT':

// Handle PUT request for updating task completion, updating a task, or updating task priority

```
$data = json_decode(file_get_contents("php://input"));  
  
$id = $data->id ?? null;  
  
$completed = $data->completed ?? null;  
  
$priority = $data->priority ?? null; // New priority field  
  
$backlog = $data->backlog ?? null; // New backlog field
```

```
error_log("Received data: ID: $id, Completed: $completed, Priority: $priority");
```

```
if (isset($id, $completed)) {

    $result = $task->updateTaskCompletion($id, $completed);

    echo json_encode(['success' => $result]);

} elseif (isset($id, $priority)) {

    // Update task priority

    error_log("Attempting to update priority for task ID $id with priority $priority");

    $result = $task->updateTaskPriority($id, $priority);

    if ($result) {

        error_log("Priority update successful for task ID $id");

    } else {

        error_log("Priority update failed for task ID $id");

    }

    echo json_encode(['success' => $result]);

} elseif (!empty($_GET["id"])) {

    $id = intval($_GET["id"]);

    $task->updateTask($id);

} elseif (isset($id, $backlog)) {

    // Update task backlog

    error_log("Attempting to update backlog for task ID $id with backlog $backlog");

    $result = $task->updateTaskBacklog($id, $backlog);

    if ($result) {

        error_log("Backlog update successful for task ID $id");

    }

}
```



```
} else {  
  
    error_log("Backlog update failed for task ID $id");  
  
}
```

```
echo json_encode(['success' => $result]);
```

```
} else {  
  
echo json_encode(['success' => false, 'message' => 'Missing task ID, completion status, or priority']);  
  
}  
  
break;
```

```
case 'POST':
```

```
// Decode JSON from the request body
```

```
$data = json_decode(file_get_contents("php://input"));
```

```
if (!empty($data->task)) {
```

```
    $task->task_name = $data->task;
```

```
    $response = $task->createTask();
```

```
    echo json_encode($response);
```

```
} else {
```

```
    echo json_encode(['success' => false, 'message' => 'Task name is required']);
```

```
}
```

```
break;
```

```
case 'DELETE':
```

```
// Delete a task
```

```
$id = intval($_GET["id"]);
```

```
$result = $task->deleteTask($id);
```

```
if ($result) {
```

```
    echo json_encode(['success' => true, 'message' => 'Task deleted successfully']);
```

```
} else {
```

```
    echo json_encode(['success' => false, 'message' => 'Failed to delete task']);
```

```
}
```

```
break;
```

```
default:
```

```
    // Invalid request method
```

```
    header("HTTP/1.0 405 Method Not Allowed");
```

```
    break;
```

```
}
```

```
exit;
```

**File: .\public\script.js**

```
window.onload = function () {  
  
    // Initialize an array to hold all task lists  
  
    var taskLists = [  
  
        document.getElementById('unprioritized-tasks'),  
  
        document.getElementById('list-a-tasks'),  
  
        document.getElementById('list-b-tasks'),  
  
        document.getElementById('list-c-tasks')  
  
    ];  
  
  
    // Initialize SortableJS for each task list  
  
    taskLists.forEach(function (taskList) {  
  
        new Sortable(taskList, {  
  
            group: 'shared',  
  
            animation: 150,  
  
            draggable: '.task-item',  
  
  
            onAdd: function(event) {  
  
                var taskElement = event.item;  
  
                var taskId = taskElement.dataset.taskId;  
  
                var newPriorityList = event.to.id;  
  
                var newPriority = newPriorityList.split('-')[1]; // Index 1 for 'a', not 2  
  
                toggleUnprioritizedDisplay();  
            }  
        });  
    });  
}
```

```
console.log('taskID:', taskId); // This should show task id numer
```

```
console.log('New Priority List ID:', newPriorityList); // This should show the full ID
```

```
console.log('New priority:', newPriority); // This should show the extracted priority character
```

```
fetch('http://localhost/HappyDo/public/index.php', {
```

```
  method: 'PUT',
```

```
  headers: {
```

```
    'Content-Type': 'application/json'
```

```
  },
```

```
  body: JSON.stringify({
```

```
    id: taskId,
```

```
    priority: newPriority
```

```
  })
```

```
})
```

```
.then(response => response.json())
```

```
.then(responseData => {
```

```
  console.log('Priority updated:', responseData);
```

```
})
```

```
.catch(error => {
```

```
  console.error('Error updating priority:', error);
```

```
});
```

```
},
```

```
onUpdate: function(event) {  
  
    console.log("onUpdate");  
  
    toggleUnprioritizedDisplay();  
  
}
```

```
});
```

```
new Sortable(document.getElementById('btn-back'), {  
  
    group: 'shared',  
  
    onAdd: function(event) {  
  
        var taskElement = event.item;  
  
        var taskId = taskElement.dataset.taskId;  
  
  
        // Update the task's backlog in the database  
  
        updateTaskBacklog(taskId, 1); // Set backlog to 1  
  
  
        // Remove the task element from the DOM  
  
        taskElement.parentNode.removeChild(taskElement);  
  
    }  
  
});
```

```
});
```

```
// Fetch tasks and add them to the 'unprioritized-tasks'

fetch('http://localhost/HappyDo/public/index.php')

.then(response => response.json())

.then(data => {

  if (data.data && data.data.length > 0) {

    data.data.forEach(task => {

      var taskList;

      var priority = task.priority ? task.priority.toUpperCase() : null; // Convert priority to uppercase

      console.log('task Priority:', task.priority); // This should show task id number

      switch (priority) {

        case 'A':

          taskList = document.getElementById('list-a-tasks');

          console.log('Put task in list A');

          break;

        case 'B':

          taskList = document.getElementById('list-b-tasks');

          console.log('Put task in list B');

          break;

        case 'C':

          taskList = document.getElementById('list-c-tasks');

          console.log('Put task in list C');

          break;

        default:

          taskList = document.getElementById('unprioritized-tasks');

          console.log('Put task in unprioritized list');

      }

    });

  }

});
```

```

    var taskElement = createTaskElement(task);

    taskList.appendChild(taskElement);

    toggleUnprioritizedDisplay(); // Call the function to toggle the display of the unprioritized tasks if necessary

    });

} else {

    console.log(data.message || 'No tasks found');

}

})

.catch(error => {

    console.error('Error:', error);

})

function fetchTasksWithFilter(filter) {

    fetch(`http://localhost/HappyDo/public/index.php?filter=${filter}`)

    .then(response => response.json())

    .then(data => {

        if (data.data && data.data.length > 0) {

            displayTasks(data.data); // Pass the array of tasks to the new displayTasks function

        } else {

            console.log(data.message || 'No tasks found');

        }

    })

    .catch(error => console.error('Error:', error));

}

```

```
// Event listeners for filter switching buttons

document.getElementById('btn-today').addEventListener('click', function() {

    fetchTasksWithFilter('today');

});

document.getElementById('btn-back').addEventListener('click', function() {

    fetchTasksWithFilter('back');

});

};

/**
 * Handle form submission to create a new task
 * @param {Event} e - Form submit event
 */

document.getElementById('task-form').addEventListener('submit', function (e) {

    e.preventDefault();

    var taskInput = document.getElementById('task-input');

    var taskName = taskInput.value; // Capture the task name in a local variable

    console.log('Submitting form with task:', taskName);
```



```
fetch('http://localhost/HappyDo/public/index.php', {

  method: 'POST',

  headers: {

    'Content-Type': 'application/json',

  },

  body: JSON.stringify({ task: taskName }),

})

.then(response => {

  console.log('Received response:', response);

  return response.json();

})

.then(data => {

  console.log('Received data:', data);

  // Only add the task to the list if it was successfully created on the server

  if (data.success) {

    var newTask = { id: data.id, task_name: taskName };

    console.log('New task object:', newTask);

    var taskList = document.getElementById('unprioritized-tasks');

    addTaskToList(taskList, newTask);

  }

})

.catch(error => {

  console.error('Error:', error);

});
```

```

    taskInput.value = ""; // Clear the input field

});

function updateTaskBacklog(taskId, backlogValue) {

    // Capture the task element before the fetch request

    var taskElement = document.querySelector(`[data-task-id="${taskId}"]`);

    fetch('http://localhost/HappyDo/public/index.php', {

        method: 'PUT',

        headers: {

            'Content-Type': 'application/json'

        },

        body: JSON.stringify({

            id: taskId,

            backlog: backlogValue

        })

    })

    .then(response => response.json())

    .then(data => {

        if (data.success && taskElement) {

            console.log('Backlog updated:', data);

            // Remove the task element from the DOM after ensuring it exists and the backlog was updated

            //taskElement.parentNode.removeChild(taskElement);

        }

    })
}

```

```
.catch(error => {  
  
    console.error('Error updating backlog:', error);  
  
});  
}
```

```
function updateTaskCompletion(id, completed) {  
  
    fetch('http://localhost/HappyDo/public/index.php', {  
  
        method: 'PUT',  
  
        headers: {  
  
            'Content-Type': 'application/json',  
  
        },  
  
        body: JSON.stringify({ id: id, completed: completed }),  
  
    })  
  
    .then(response => response.json())  
  
    .then(data => {  
  
        console.log('Update response:', data);  
  
        // Find the task item in the DOM and update its class  
  
        var taskItem = document.querySelector('li[data-task-id="' + id + '"]');  
  
        if (taskItem) {  
  
            if (completed) {  
  
                taskItem.classList.add('completed');  
  
            } else {
```

```

        taskItem.classList.remove('completed');

    }

}

})

.catch(error => console.error('Error:', error));

}

```

```

function deleteTask(id) {

    if (confirm('Are you sure you want to delete this task?')) {

        fetch('http://localhost/HappyDo/public/index.php?id=' + id, {

            method: 'DELETE',

        })

        .then(response => response.json()) // This line expects a JSON response

        .then(data => {

            console.log('Delete response:', data);

            if (data.success) {

                var taskItem = document.querySelector('li[data-task-id="' + id + '"');

                if (taskItem) {

                    taskItem.remove();

                    toggleUnprioritizedDisplay(); // Call the function to toggle the display of the unprioritized tasks if
necessary

                }

            }

        })

        .catch(error => console.error('Error:', error));

    }
}

```

```
}
```

```
// Fetch a single task by ID
```

```
function fetchTask(taskId) {  
  
    fetch(`http://localhost/HappyDo/public/index.php?id=${taskId}`)  
  
    .then(response => response.json())  
  
    .then(data => {  
  
        console.log('Task data:', data);  
  
        // Process and display the task data on the front end  
  
    })  
  
    .catch(error => console.error('Error fetching task:', error));  
  
}
```

**File: .\public\styles.css**

```
@import url('https://fonts.googleapis.com/css2?family=Quicksand:wght@300;400;500&display=swap');
```

```
html, body {  
  
    height: 100%;  
  
    margin: 0;  
  
    padding: 0;  
  
    background-color: #f3f7f7; /* Serene background color */  
  
}
```

```
body {  
  
    display: flex;  
  
    flex-direction: column;  
  
    justify-content: flex-start;  
  
    align-items: center;  
  
    font-family: 'Quicksand', sans-serif;  
  
}
```

```
#main-container {  
  
    text-align: center; /* Center the title and task form */  
  
    width: 80%;  
  
    max-width: 600px; /* Maximum width to keep the content readable */  
  
    margin: 20px auto; /* Center the main container */  
  
    padding: 2em;  
  
    background-color: #ffffff;  
  
    border-radius: 8px;
```

```
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1); /* Soft shadow for depth */
}

h1 {

    color: #ff8a65;

    margin-bottom: 0.5em;

}

h2 {

    color: rgb(207, 207, 207);

    font-size: medium;

    position: relative;

    margin-left: -5px;

    margin-bottom: 0.5em;

}

#task-form {

    margin-bottom: 1em;

    display: flex;

    align-items: center;

}

input[type="text"], button {

    padding: 10px;

    margin: 5px;
```

```
border: 1px solid #ddd;

border-radius: 4px;

}


button {

    background-color: #ffcc4d; /* Happy yellow */

    color: #fff;

    cursor: pointer;

    border: none; /* Remove default border */

    box-shadow: 0 2px 5px rgba(0, 0, 0, 0.2); /* Soft shadow for the button */

}


#btn-back {

    z-index: 1000; /* High z-index to ensure visibility */

}


.task-item.dragging {

    z-index: 100; /* Lower z-index than the button */

}


.nav-menu {

    opacity: 0; /* Initially invisible */

    transition: opacity 5s ease-in-out; /* Smooth transition */

    padding: 10px;

}
```



```
.nav-menu:hover {  
  
    opacity: 1; /* Visible on hover */  
  
    transition: opacity 0.2s ease-in-out; /* Slower transition for disappearing */  
  
}
```

```
.nav-menu button {  
  
    background-color: #ffffd8; /* Light yellow */  
  
    color: #332925; /* Very dark yellow */  
  
    cursor: pointer;  
  
    border: none; /* Remove default border */  
  
    height: 25px;  
  
    width: 70px;  
  
    border-radius: 3px;  
  
    box-shadow: 0 2px 5px rgba(0, 0, 0, 0.2); /* Soft shadow for the button */  
  
    margin: 4px;  
  
    padding: 1px;  
  
    outline: 2px dotted #ffcc4d; /* Dotted outline in #ffcc4d */  
  
}
```

```
.task-list {  
  
    text-align: left; /* Align the tasks to the left */  
  
    list-style-type: none;  
  
    margin: 0;
```

```
padding: 0;

/* background-color: #fafafa; /* Light background for tasks */

border-radius: 4px;

}

.task-item {

margin: 10px 0;

border-radius: 4px;

display: flex;

align-items: center;


/* Put each task in a colored box */

/* padding: 10px; */

/* background-color: #e8e8e8; /* Minimalist task color */

/* box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1); /* Soft shadow for each task */

}

.drag-handle {

cursor: move;

user-select: none;

margin-right: 10px;

}

.delete-icon {

margin-left: 1ch;

cursor: pointer;
```

```
}
```

```
/* Make task handling icons appear only on hover */
```

```
.drag-handle,
```

```
.delete-icon {
```

```
    color: transparent
```

```
}
```

```
.task-item:hover .drag-handle,
```

```
.task-item:hover .delete-icon {
```

```
    color: #9b9b9b; /* Ensure drag handle icon is visible on hover */
```

```
}
```

```
.task-item:hover .delete-icon {
```

```
    display: inline; /* Ensure delete icon is visible on hover */
```

```
}
```

```
.task-item.completed .task-name {
```

```
    text-decoration: line-through;
```

```
    color: #b4b4b4;
```

```
}
```

```
.sortable-chosen {
```

```
    opacity: 0.6;

    background-color: #e2e2e2;

    border: 1px dashed #a0a0a0;

}
```

```
.sortable-ghost {

    opacity: 0.4;

    background-color: #cce8ff;

}
```

```
/* Responsive design for smaller screens */
```

```
@media (max-width: 768px) {

    #main-container {

        width: 95%;

        padding: 1em;

    }

}
```

**File: .\public\taskHandler.js**

```
function createTaskElement(task) {

    var taskItem = document.createElement('li');

    // Set the class based on the completion status. Assuming '0' means not completed.

    taskItem.className = 'task-item' + (task.completed !== "0" ? " : ' completed'");

    taskItem.setAttribute('data-task-id', task.id);

    taskItem.setAttribute('data-task-id', task.id);


    // Create the drag handle

    var dragHandle = document.createElement('span');

    dragHandle.classList.add('drag-handle');

    dragHandle.textContent = '⋮'; // dragHandle.textContent = "; Using the Unicode character for the drag handle icon

    taskItem.appendChild(dragHandle);


    var checkbox = document.createElement('input');

    checkbox.type = 'checkbox';

    // Set the checkbox based on the completion status. Assuming '0' means not completed.

    checkbox.checked = task.completed === "1";

    checkbox.onchange = () => updateTaskCompletion(task.id, checkbox.checked);

    taskItem.appendChild(checkbox);


    // Original code snippet you provided

    var textNode = document.createTextNode(task.task_name);

    taskItem.appendChild(textNode);
```

```
// Updated code with a new span for the task name
```

```
var taskNameSpan = document.createElement('span'); // Create a new span element for the task name
```

```
taskNameSpan.classList.add('task-name'); // Add a class to the span for styling
```

```
taskNameSpan.appendChild(textNode); // Append the original text node to the span
```

```
taskItem.appendChild(taskNameSpan); // Append the span to the task item
```

```
var deleteIcon = document.createElement('span');
```

```
deleteIcon.innerHTML = '&times;';
```

```
deleteIcon.className = 'delete-icon';
```

```
deleteIcon.onclick = function() { deleteTask(task.id); };
```

```
taskItem.appendChild(deleteIcon);
```

```
return taskItem;
```

```
}
```

```
// In taskHandler.js or script.js, depending on where you prefer to keep your task-related functions
```

```
function displayTasks(tasks) {
```

```
  // Clear existing tasks first
```

```
  var taskLists = ['unprioritized-tasks', 'list-a-tasks', 'list-b-tasks', 'list-c-tasks'];
```

```
  taskLists.forEach(function(listId) {
```

```
    document.getElementById(listId).innerHTML = '';
```

```
  });
```

```
// Ensure tasks is always an array to simplify processing

if (!Array.isArray(tasks)) {

    tasks = [tasks]; // Convert single task object to an array for uniform processing

}


// Iterate over the tasks and display each one in the appropriate list

tasks.forEach(task => {

    var taskElement = createTaskElement(task); // Use the existing function to create the task element

    var taskListId = 'unprioritized-tasks'; // Default list


    // Determine the correct list based on task attributes

    if (task.priority) {

        switch(task.priority.toUpperCase()) {

            case 'A': taskListId = 'list-a-tasks'; break;

            case 'B': taskListId = 'list-b-tasks'; break;

            case 'C': taskListId = 'list-c-tasks'; break;

            default: taskListId = 'unprioritized-tasks'; // Fallback to default list

        }

    }

    // Append the task element to the determined list

    document.getElementById(taskListId).appendChild(taskElement);

});

}
```

```
function addTaskToList(taskList, task) {  
  
    var taskElement = createTaskElement(task);  
  
    taskList.appendChild(taskElement);  
  
    toggleUnprioritizedDisplay(); // Call the function to toggle the display of the unprioritized tasks if necessary  
  
}
```

```
function toggleUnprioritizedDisplay() {  
  
    let unprioritizedTasks = document.getElementById('unprioritized-tasks');  
  
    let unprioritizedTitle = document.getElementById('unprioritized-title'); // Get the header  
  
    if (unprioritizedTasks) {  
  
        let taskCount = unprioritizedTasks.getElementsByTagName('li').length;  
  
        console.log('toggleUnprioritizedDisplay called. Tasks = ', { taskCount });  
  
        if (taskCount === 0) {  
  
            unprioritizedTasks.style.display = 'none';  
  
            if (unprioritizedTitle) unprioritizedTitle.style.display = 'none'; // Hide the header  
  
        } else {  
  
            unprioritizedTasks.style.display = '';  
  
            if (unprioritizedTitle) unprioritizedTitle.style.display = ''; // Show the header  
  
        }  
  
    }  
  
}
```



File: .\public\js\Sortable.min.js

/\*! Sortable 1.15.2 - MIT | git://github.com/SortableJS/Sortable.git \*/

```
!function(t,e){"object"==typeof exports&&"undefined"!=typeof module?module.exports=e():"function"==typeof define&&define.amd?define(e):(t=t||self).Sortable=e()}(this,function(){function e(e,t){var n,o=Object.keys(e);return Object.getOwnPropertySymbols&&(n=Object.getOwnPropertySymbols(e),t&&(n=n.filter(function(t){return Object.getOwnPropertyDescriptor(e,t).enumerable})),o.push.apply(o,n)),o}function l(o){for(var i=1;t<arguments.length;t++){var i=null!=arguments[t]?arguments[t]:{};t%2?e(Object(i),!0).forEach(function(t){var e,n;e=o,t=i[n=t],n in e?Object.defineProperty(e,n,{value:t,enumerable:!0,configurable:!0,writable:!0}):e[n]=t}):Object.getOwnPropertyDescriptors?Object.defineProperties(o,Object.getOwnPropertyDescriptors(i)):e(Object(i)).forEach(function(t){Object.defineProperty(o,t,Object.getOwnPropertyDescriptor(i,t))});return o}function o(t){return("function"==typeof Symbol&&"symbol"==typeof Symbol.iterator?function(t){return typeof t}:function(t){return t&&"function"==typeof Symbol&&t.constructor===Symbol&&t!==Symbol.prototype?"symbol":typeof t})(t)}function a(){return(a=Object.assign||function(t){for(var e=1;e<arguments.length;e++){var n,o=arguments[e];for(n in o)Object.prototype.hasOwnProperty.call(o,n)&&(t[n]=o[n])})return t}).apply(this,arguments)}function i(t,e){if(null==t)return{};var n,o=function(t,e){if(null==t)return{};for(var n,o={},i=Object.keys(t),r=0;r<i.length;r++)n=i[r],0<=e.indexOf(n)||o[n]=t[n];return o}(t,e);if(Object.getOwnPropertySymbols)for(var i=Object.getOwnPropertySymbols(t),r=0;r<i.length;r++)n=i[r],0<=e.indexOf(n)||Object.prototype.propertyIsEnumerable.call(t,n)&&(o[n]=t[n]);return o}function r(t){return function(t){if(Array.isArray(t))return l(t)}(t)}function l(t){return function(t,e){if("string"==typeof t)return l(t,e);var n=Object.prototype.toString.call(t).slice(8,-1);return"Map"===n?"Object"===n&&t.constructor?t.constructor.name:n||"Set"===n?Array.from(t):"Arguments"===n?/^(\?|Ui|I|nt|?|8|16|32)(?:Clamped)?Array$/.test(n)?l(t,e):void 0}}(t)}function t(){throw new TypeError("Invalid attempt to spread non-iterable instance.\n\nIn order to be iterable, non-array")}
```

```

objects must have a [Symbol.iterator]() method."))})();function l(t,e){(null==e||e>t.length)&&(e=t.length);for(var n=0,o=new
Array(e);n<e;n++)o[n]=t[n];return o}function t(t){if("undefined"!==typeof
window&&window.navigator)return!!navigator.userAgent.match(t)}var y=t(/(?:Trident.*rv[ :]?11\.|msie|iemobile|Windows
Phone)/i),w=t(/Edge/i),s=t(/firefox/i),u=t(/safari/i)&&!t(/chrome/i)&&!t(/android/i),n=t(/iP(ad|od|hone)/i),c=t(/chrome/i)&&!t(/a
ndroid/i),d={capture:!1,passive:!1};function h(t,e,n){t.addEventListener(e,n,!y&&d)}function f(t,e,n){t.removeEventListener(e,n,!y&&d)}function p(t,e){if(e&&(">"===e[0]&&(e=e.substring(1)),t)try{if(t.matches)return
t.matches(e);if(t.msMatchesSelector)return t.msMatchesSelector(e);if(t.webkitMatchesSelector)return
t.webkitMatchesSelector(e)}catch(t){return}}function P(t,e,n,o){if(t){n=n||document;do{if(null!=e&&(">"!==e[0]||t.parentNode===n)&&p(t,e)||o&&t===n)return
t}while(t!==n&&(t=(t=t).host&&!t===document&&t.host.nodeType?i.host:i.parentNode))}var i;return null}var
g,m=/\s+/g;function k(t,e,n){var o;t&&e&&(t.classList?t.classList[n?"add":"remove"])(e):(o=(" "+t.className+"
").replace(m," ").replace(" "+e+" "," "),t.className=(o+(n?" "+e:"")).replace(m," ")))}function R(t,e,n){var
o=t&&t.style;if(o){if(void 0===n)return
document.defaultView&&document.defaultView.getComputedStyle?n=document.defaultView.getComputedStyle(t,""):t.c
urrentStyle&&(n=t.currentStyle),void 0===e?n:n[e];o[e]=!(e
o||-1!==e.indexOf("webkit"))?"-webkit-"+e:e]=n+("string"===typeof n?"":"px"))}function v(t,e){var n="";if("string"===typeof
t)n=t;else do{var o=R(t,"transform")}while(o&&"none"!==o&&(n=o+" "+n),!e&&(t=t.parentNode));var
i=window.DOMMatrix||window.WebKitCSSMatrix||window.CSSMatrix||window.MSCSSMatrix;return i&&new i(n)}function
b(t,e,n){if(t){var o=t.getElementsByTagName(e),i=0,r=o.length;if(n)for(;i<r;i++)n(o[i],i);return o}return[]}function O(){var
t=document.scrollingElement;return t||document.documentElement}function X(t,e,n,o,i){if(t.getBoundingClientRect||t===window){var
r,a,l,s,c,u,d=t===window&&t.parentNode&&t===O()?(a=(r=t.getBoundingClientRect()).top,l=r.left,s=r.bottom,c=r.right,u=r.
height,r.width):(l=a=0,s=window.innerHeight,c=window.innerWidth,u=window.innerHeight,window.innerWidth);if((e||n)&&
t===window&&(i=i||t.parentNode,!y))do{if(i&&i.getBoundingClientRect&&("none"!==R(i,"transform"))||n&&"static"!==R(i,"po
sition"))){var
h=i.getBoundingClientRect();a-=h.top+parseInt(R(i,"border-top-width")),l-=h.left+parseInt(R(i,"border-left-width")),s+=h.h

```

```

eight,c=l+r.width;break}}while(i=i.parentNode);return

o&&t!==window&&(o=(e=v(i||t))&&e.a,t=e&&e.d,e&&(s=(a/=t)+(u/=t),c=(l/=o)+(d/=o))),{top:a,left:l,bottom:s,right:c,width:d,
height:u}}function Y(t,e,n){for(var o=M(t,!0),i=X(t)[e];o;){var r=X(o)[n];if(!("top"===n||"left"===n?r<=i:i<=r))return
o;if(o===O())break;o=M(o,!1)}return!1}function B(t,e,n,o){for(var
i=0,r=0,a=t.children;r<a.length;){if("none"!==a[r].style.display&&a[r]!==Ft.ghost&&(o||a[r]!==Ft.dragged)&&P(a[r],n.dragg
able,t,!1)){if(i===e)return a[r];i++;r++;return null}function F(t,e){for(var
n=t.lastElementChild;n&&(n===Ft.ghost||"none"===R(n,"display"))|e&&!p(n,e);)n=n.previousElementSibling;return
n||null}function j(t,e){var
n=0;if(!t||!t.parentNode)return-1;for(;t=t.previousElementSibling;)"TEMPLATE"===t.nodeName.toUpperCase()||t===Ft.cl
one||e&&!p(t,e)||n++;return n}function E(t){var e=0,n=0,o=O();if(t)do{var
i=v(t),r=i.a,i=i.d}while(e+=t.scrollLeft*r,n+=t.scrollTop*i,t!==o&&(t=t.parentNode));return[e,n]}function
M(t,e){if(!t||!t.getBoundingClientRect)return O();var
n=t,o=!1;do{if(n.clientWidth<n.scrollWidth||n.clientHeight<n.scrollHeight){var
i=R(n);if(n.clientWidth<n.scrollWidth&&("auto"===i.overflowX||"scroll"===i.overflowX)||n.clientHeight<n.scrollHeight&&("aut
o"===i.overflowY||"scroll"===i.overflowY)){if(!n.getBoundingClientRect||n===document.body)return O();if(o||e)return
n;o=!0}}while(n=n.parentNode);return O()}function D(t,e){return
Math.round(t.top)===Math.round(e.top)&&Math.round(t.left)===Math.round(e.left)&&Math.round(t.height)===Math.round
(e.height)&&Math.round(t.width)===Math.round(e.width)}function S(e,n){return function(){var
t,g||(1===t=(arguments).length?e.call(this,t[0]):e.apply(this,t),g=setTimeout(function(){g=void 0},n))}function
H(t,e,n){t.scrollLeft+=e,t.scrollTop+=n}function _(t){var e=window.Polymer,n=window.jQuery||window.Zepto;return
e&&e.dom?e.dom(t).cloneNode(!0):n?n(t).clone(!0)[0]:t.cloneNode(!0)}function
C(t,e){R(t,"position","absolute"),R(t,"top",e.top),R(t,"left",e.left),R(t,"width",e.width),R(t,"height",e.height)}function
T(t){R(t,"position",""),R(t,"top",""),R(t,"left",""),R(t,"width",""),R(t,"height","")}function L(n,o,i){var r={};return
Array.from(n.children).forEach(function(t){var
e;P(t,o.draggable,n,!1)&&!t.animated&&t!==i&&(e=X(t),r.left=Math.min(null!==(t=r.left)&&void
0!==(t?t:1/0,e.left),r.top=Math.min(null!==(t=r.top)&&void 0!==(t?t:1/0,e.top),r.right=Math.max(null!==(t=r.right)&&void

```

```

0!==t?t:-1/0,e.right),r.bottom=Math.max(null!==(t=r.bottom)&&void

0!==t?t:-1/0,e.bottom))}},r.width=r.right-r.left,r.height=r.bottom-r.top,r.x=r.left,r.y=r.top,r}var      K="Sortable"+(new

Date).getTime());function      x(){var

e,o=[];return{captureAnimationState:function(){o=[],this.options.animation&&[].slice.call(this.el.children).forEach(function(

t){var

e,n;"none"!==R(t,"display")&&t!==Ft.ghost&&(o.push({target:t,rect:X(t)}),e=l({},o[o.length-1].rect),!t.thisAnimationDuration

||(n=v(t,!0))&&(e.top-=n.f,e.left-=n.e),t.fromRect=e)}),addAnimationState:function(t){o.push(t)},removeAnimationState:fu

nction(t){o.splice(function(t,e){for(var      n      in      t)if(t.hasOwnProperty(n))for(var      o      in

e)if(e.hasOwnProperty(o)&&e[o]==t[n][o])return      Number(n);return-1}(o,{target:t}),1)},animateAll:function(t){var

c=this;if(!this.options.animation)return      clearTimeout(e),void("function"===typeof      t&&t());var

u=!1,d=0;o.forEach(function(t){var

e=0,n=t.target,o=n.fromRect,i=X(n),r=n.prevFromRect,a=n.prevToRect,l=t.rect,s=v(n,!0);s&&(i.top-=s.f,i.left-=s.e),n.toRe

ct=i,n.thisAnimationDuration&&D(r,i)&&!D(o,i)&&(l.top-i.top)/(l.left-i.left)==(o.top-i.top)/(o.left-i.left)&&(t=l,s=r,a=c.optio

ns,e=Math.sqrt(Math.pow(s.top-t.top,2)+Math.pow(s.left-t.left,2))/Math.sqrt(Math.pow(s.top-r.top,2)+Math.pow(s.left-r.left

,2))*a.animation),D(i,o)||((n.prevFromRect=o,n.prevToRect=i,e=e||c.options.animation,c.animate(n,l,i,e)),e&&(u=!0,d=Mat

h.max(d,e),clearTimeout(n.animationResetTimer),n.animationResetTimer=setTimeout(function(){n.animationTime=0,n.p

revFromRect=null,n.fromRect=null,n.prevToRect=null,n.thisAnimationDuration=null},e),n.thisAnimationDuration=e)}),cle

arTimeout(e),u?e=setTimeout(function(){"function"===typeof      t&&t()),d:"function"===typeof

t&&t(),o=[]},animate:function(t,e,n,o){var

i,r;o&&(R(t,"transition",""),R(t,"transform",""),i=(r=v(this.el))&&r.a,r=r&&r.d,i=(e.left-n.left)/(i||1),r=(e.top-n.top)/(r||1),t.anim

atingX=!i,t.animatingY=!r,R(t,"transform","translate3d("+i+"px,"+r+"px,0)"),this.forRepaintDummy=t.offsetWidth,R(t,"tran

sition","transform      "+o+"ms"+(this.options.easing?"

"+this.options.easing:"")),R(t,"transform","translate3d(0,0,0)"),"number"===typeof

t.animated&&clearTimeout(t.animated),t.animated=setTimeout(function(){R(t,"transition",""),R(t,"transform",""),t.animated

=!1,t.animatingX=!1,t.animatingY=!1},o)}))}var      A=[],N={initializeByDefault:!0},W={mount:function(e){for(var      t      in

N)!N.hasOwnProperty(t)||t in e||(e[t]=N[t]);A.forEach(function(t){if(t.pluginName===e.pluginName)throw"Sortable: Cannot

```

```

mount plugin ".concat(e.pluginName," more than once")),A.push(e)),pluginEvent:function(e,n,o){var
t=this;this.eventCanceled=!1,o.cancel=function(){t.eventCanceled=!0};var
i=e+"Global";A.forEach(function(t){n[t.pluginName]&&(n[t.pluginName][i]&&n[t.pluginName][i](l({sortable:n},o)),n.options[t
.pluginName]&&n[t.pluginName][e]&&n[t.pluginName][e](l({sortable:n},o))))},initializePlugins:function(n,o,i,t){for(var e in
A.forEach(function(t){var e=t.pluginName;(n.options[e]||t.initializeByDefault)&&((t=new
t(n,o,n.options)).sortable=n,t.options=n.options,n[e]=t,a(i,t.defaults))),n.options){var
r;n.options.hasOwnProperty(e)&&(void
0!==(r=this.modifyOption(n,e,n.options[e]))&&(n.options[e]=r))),getEventProperties:function(e,n){var o={};return
A.forEach(function(t){t["function"]=="typeof
t.eventProperties&&a(o,t.eventProperties.call(n[t.pluginName],e))),o},modifyOption:function(e,n,o){var i;return
A.forEach(function(t){e[t.pluginName]&t.optionListeners&&"function"==typeof
t.optionListeners[n]&&(i=t.optionListeners[n].call(e[t.pluginName],o))),i}};function z(t){var
e=t.sortable,n=t.rootEl,o=t.name,i=t.targetEl,r=t.cloneEl,a=t.toEl,l=t.fromEl,s=t.oldIndex,c=t.newIndex,u=t.oldDraggableI
ndex,d=t.newDraggableIndex,h=t.originalEvent,f=t.putSortable,p=t.extraEventProperties;if(e=e||n&&n[K]){var
g,m=e.options,t="on"+o.charAt(0).toUpperCase()+o.substr(1);!window.CustomEvent||y||w?(g=document.createEvent("E
vent")).initEvent(o,!0,!0):g=new
CustomEvent(o,{bubbles:!0,cancelable:!0}),g.to=a||n,g.from=l||n,g.item=i||n,g.clone=r,g.oldIndex=s,g.newIndex=c,g.oldD
raggableIndex=u,g.newDraggableIndex=d,g.originalEvent=h,g.pullMode=f?f.lastPutMode:void 0;var
v,b=l(l({p},p),W.getEventProperties(o,e));for(v in b)g[v]=b[v];n&&n.dispatchEvent(g),m[t]&&m[t].call(e,g)}}function
G(t,e){var n=(o=2<arguments.length&&void
0!==(arguments[2]?arguments[2]:{})).evt,o=i(o,U);W.pluginEvent.bind(Ft)(t,e,l({dragEl:V,parentEl:Z,ghostEl:$,rootEl:Q,nex
tEl:J,lastDownEl:tt,cloneEl:et,cloneHidden:nt,dragStarted:gt,putSortable:st,activeSortable:Ft.active,originalEvent:n,oldIn
dex:ot,oldDraggableIndex:rt,newIndex:it,newDraggableIndex:at,hideGhostForTarget:Rt,unhideGhostForTarget:Xt,clone
NowHidden:function(){nt=!0},cloneNowShown:function(){nt=!1},dispatchSortableEvent:function(t){q({sortable:e,name:t,or
iginalEvent:n}}),o))}var U=["evt"];function
q(t){z(l({putSortable:st,cloneEl:et,targetEl:V,rootEl:Q,oldIndex:ot,oldDraggableIndex:rt,newIndex:it,newDraggableIndex:a

```

t},t))}var

V,Z,\$,Q,J,tt,et,nt,ot,it,rt,at,lt,st,ct,ut,dt,ht,ft,pt,gt,mt,vb,vt,wt=!1,Et=!1,Dt=[],St=!1,\_t=!1,Ct=[],Tt=!1,xt=[],Ot="undefined"!=

typeof document,Mt=n,At=w||y?"cssFloat":"float",Nt=Ot&&!c&&!n&&"draggable"in

document.createElement("div"),lt=function(){if(Ot){if(y)return!1;var t=document.createElement("x");return

t.style.cssText="pointer-events:auto","auto"===t.style.pointerEvents}}(),Pt=function(t,e){var

n=R(t),o=parseInt(n.width)-parseInt(n.paddingLeft)-parseInt(n.paddingRight)-parseInt(n.borderLeftWidth)-parseInt(n.bor

derRightWidth),i=B(t,o,e),r=B(t,1,e),a=i&&R(i),l=r&&R(r),s=a&&parseInt(a.marginLeft)+parseInt(a.marginRight)+X(i).widt

h,t=l&&parseInt(l.marginLeft)+parseInt(l.marginRight)+X(r).width;if("flex"===n.display)return"column"===n.flexDirection||"

column-reverse"===n.flexDirection?"vertical":"horizontal";if("grid"===n.display)return n.gridTemplateColumns.split("("

").length<=1?"vertical":"horizontal";if(i&&a.float&&"none"!==a.float){e="left"===a.float?"left":"right";return!r||"both"!==l.cle

ar&&l.clear!==e?"horizontal":"vertical"}return

i&&("block"===a.display||"flex"===a.display||"table"===a.display||"grid"===a.display||o<=s&&"none"===n[At]||r&&"none"

===n[At]&&o<s+t)?"vertical":"horizontal"},kt=function(t){function l(r,a){return function(t,e,n,o){var

i=t.options.group.name&&e.options.group.name&&t.options.group.name===e.options.group.name;if(null==r&&(a||i))retur

n!0;if(null==r||!1===r)return!1;if(a&&"clone"===r)return r;if("function"==typeof r)return

l(r(t,e,n,o),a)(t,e,n,o);e=(a?t:e).options.group.name;return!0===r||"string"==typeof r&&r===e||r.join&&-1<r.indexOf(e)}}var

e={},n=t.group;n&&"object"==o(n)||((n={name:n}),e.name=n.name,e.checkPull=l(n.pull,!0),e.checkPut=l(n.put),e.revertClo

ne=n.revertClone,t.group=e),Rt=function(){!lt&&\$&&R(\$,"display","none"),Xt=function(){!lt&&\$&&R(\$,"display","");Ot&&!

c&&document.addEventListener("click",function(t){if(Et)return

t.preventDefault(),t.stopPropagation&&t.stopPropagation(),t.stopImmediatePropagation&&t.stopImmediatePropagation(),

Et=!1,!0);function Yt(t){if(V){t=t.touches?t.touches[0]:t;var e=(i=t.clientX,r=t.clientY,Dt.some(function(t){var

e=t[K].options.emptyInsertThreshold;if(e&&!F(t)){var

n=X(t),o=i>=n.left-e&&i<=n.right+e,e=r>=n.top-e&&r<=n.bottom+e;return o&&e?a=t:void 0}}),a;if(e){var n,o={};for(n in

t)t.hasOwnProperty(n)&&(o[n]=t[n]);o.target=o.rootEl=e,o.preventDefault=void 0,o.stopPropagation=void

0,e[K].\_onDragOver(o)}}var i,r,a}function Bt(t){V&&V.parentNode[K].\_isOutsideThisEl(t.target)}function

Ft(t,e){if(!t||t.nodeType||1!==t.nodeType)throw"Sortable: `el` must be an HTMLElement, not

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".concat({}.toString.call(t));this.el=t,this.options=e=a({},e),t[K]=this;var
n,o,i={group:null,sort:!0,disabled:!1,store:null,handle:null,draggable:/^[uo]l$/i.test(t.nodeName)?">li":">*",swapThreshold:
1,invertSwap:!1,invertedSwapThreshold:null,removeCloneOnHide:!0,direction:function(){return
Pt(t,this.options)},ghostClass:"sortable-ghost",chosenClass:"sortable-chosen",dragClass:"sortable-drag",ignore:"a,
img",filter:null,preventOnFilter:!0,animation:0,easing:null,setData:function(t,e){t.setData("Text",e.textContent)},dropBubbl
e:!1,dragoverBubble:!1,dataIdAttr:"data-id",delay:0,delayOnTouchOnly:!1,touchStartThreshold:(Number.parseInt?Numb
er:window).parseInt(window.devicePixelRatio,10)||1,forceFallback:!1,fallbackClass:"sortable-fallback",fallbackOnBody:!1
,fallbackTolerance:0,fallbackOffset:{x:0,y:0},supportPointer:!1!==Ft.supportPointer&&"PointerEvent"in
window&&!u.emptyInsertThreshold:5};for(n in W.initializePlugins(this,t,i),i)n in e||(e[n]=i[n]);for(o in
kt(e),this)"_")==o.charAt(0)&&"function"==typeof
this[o]&&(this[o]=this[o].bind(this));this.nativeDraggable=!e.forceFallback&&Nt,this.nativeDraggable&&(this.options.touch
StartThreshold=1),e.supportPointer?h(t,"pointerdown",this._onTapStart):(h(t,"mousedown",this._onTapStart),h(t,"touchst
art",this._onTapStart)),this.nativeDraggable&&(h(t,"dragover",this),h(t,"dragenter",this)),Dt.push(this.el),e.store&&e.store
.get&&this.sort(e.store.get(this)||[]),a(this,x()))function jt(t,e,n,o,i,r,a,l){var
s,c,u=t[K],d=u.options.onMove;return!window.CustomEvent||y||w?(s=document.createEvent("Event")).initEvent("move",!
0,!0):s=new
CustomEvent("move",{bubbles:!0,cancelable:!0}),s.to=e,s.from=t,s.dragged=n,s.draggedRect=o,s.related=i||e,s.relatedR
ect=r||X(e),s.willInsertAfter=l,s.originalEvent=a,t.dispatchEvent(s),c=d?d.call(u,s,a):c}function
Ht(t){t.draggable=!1}function Lt(){Tt=!1}function Kt(t){return setTimeout(t,0)}function Wt(t){return
clearTimeout(t)}Ft.prototype={constructor:Ft,_isOutsideThisEl:function(t){this.el.contains(t)||t===this.el||(mt=null)},_getDir
ection:function(t,e){return"function"==typeof
this.options.direction?this.options.direction.call(this,t,e,V):this.options.direction},_onTapStart:function(e){if(e.cancelable){
var
n=this,o=this.el,t=this.options,i=t.preventOnFilter,r=e.type,a=e.touches&&e.touches[0]||e.pointerType&&"touch"===e.poi
nterType&&e.l=(a||e).target,s=e.target.shadowRoot&&(e.path&&e.path[0]||e.composedPath&&e.composedPath()[0])||,c
=t.filter;if(!function(t){xt.length=0;var
e=t.getElementsByTagName("input"),n=e.length;for(;n--;){var

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o=e[n];o.checked&&xt.push(o))}(o,!V&&!(/mousedown|pointerdown/.test(r)&&0!==(e.button||t.disabled)&&s.isContentEdi
table&&(this.nativeDraggable||!u||!!|"SELECT"!==l.tagName.toUpperCase()))&&!(l=P(l,t.draggable,o,!1))&&l.animated||tt
===l))){if(ot=j(l),rt=j(l,t.draggable),"function"===typeof                                c){if(c.call(this,e,l,this))return
q({sortable:n,rootEl:s,name:"filter",targetEl:l,toEl:o,fromEl:o}),G("filter",n,{evt:e}),void(i&&e.cancelable&&e.preventDefault
()))else                                if(c=c&&c.split(",").some(function(t){if(t=P(s,t.trim(),o,!1))return
q({sortable:n,rootEl:t,name:"filter",targetEl:l,fromEl:o,toEl:o}),G("filter",n,{evt:e}),!0}))return
void(i&&e.cancelable&&e.preventDefault());t.handle&&P(s,t.handle,o,!1)||this._prepareDragStart(e,a,l)}},_prepareDrag
Start:function(t,e,n){var
o,i=this,r=i.el,a=i.options,l=r.ownerDocument;n&&!V&&n.parentNode===r&&(o=X(n),Q=r,Z=(V=n).parentNode,J=V.next
Sibling,tt=n,lt=a.group,ct={target:Ft.dragged=V,clientX:(e||t).clientX,clientY:(e||t).clientY},ft=ct.clientX-o.left,pt=ct.clientY-o
.top,this._lastX=(e||t).clientX,this._lastY=(e||t).clientY,V.style["will-change"]="all",o=function(){G("delayEnded",i,{evt:t}),Ft.
eventCanceled?i._onDrop():(i._disableDelayedDragEvents(),!s&&i.nativeDraggable&&(V.draggable=!0),i._triggerDragSt
art(t,e),q({sortable:i,name:"choose",originalEvent:t}),k(V,a.chosenClass,!0))),a.ignore.split(",").forEach(function(t){b(V,t.tri
m(),Ht))),h(l,"dragover",Yt),h(l,"mousemove",Yt),h(l,"touchmove",Yt),h(l,"mouseup",i._onDrop),h(l,"touchend",i._onDrop),
h(l,"touchcancel",i._onDrop),s&&this.nativeDraggable&&(this.options.touchStartThreshold=4,V.draggable=!0),G("delaySt
art",this,{evt:t}),!a.delay||a.delayOnTouchOnly&&!e||this.nativeDraggable&&(w||y)?o():Ft.eventCanceled?this._onDrop():(
h(l,"mouseup",i._disableDelayedDrag),h(l,"touchend",i._disableDelayedDrag),h(l,"touchcancel",i._disableDelayedDrag),h
(l,"mousemove",i._delayedDragTouchMoveHandler),h(l,"touchmove",i._delayedDragTouchMoveHandler),a.supportPoint
er&&h(l,"pointermove",i._delayedDragTouchMoveHandler),i._dragStartTimer=setTimeout(o,a.delay))}),_delayedDragTo
uchMoveHandler:function(t){t=t.touches?t.touches[0]:t;Math.max(Math.abs(t.clientX-this._lastX),Math.abs(t.clientY-this._
lastY))>=Math.floor(this.options.touchStartThreshold/(this.nativeDraggable&&window.devicePixelRatio||1))&&this._disab
leDelayedDrag(),_disableDelayedDrag:function(){V&&Ht(V),clearTimeout(this._dragStartTimer),this._disableDelayedDr
agEvents(),_disableDelayedDragEvents:function(){var
t=this.el.ownerDocument;f(t,"mouseup",this._disableDelayedDrag),f(t,"touchend",this._disableDelayedDrag),f(t,"touchca
ncel",this._disableDelayedDrag),f(t,"mousemove",this._delayedDragTouchMoveHandler),f(t,"touchmove",this._delayedD
ragTouchMoveHandler),f(t,"pointermove",this._delayedDragTouchMoveHandler)},_triggerDragStart:function(t,e){e=e||"to

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uch"==t.pointerType&&t,!this.nativeDraggable||e?this.options.supportPointer?h(document,"pointermove",this._onTouch
Move):h(document,e?"touchmove":"mousemove",this._onTouchMove):(h(V,"dragend",this),h(Q,"dragstart",this._onDrag
Start));try{document.selection?Kt(function(){document.selection.empty()}:window.getSelection().removeAllRanges())cat
ch(t){}},_dragStarted:function(t,e){var
n;wt=!1,Q&&V?(G("dragStarted",this,{evt:e}),this.nativeDraggable&&h(document,"dragover",Bt),n=this.options,t||k(V,n.dr
agClass,!1),k(V,n.ghostClass,!0),Ft.active=this,t&&this._appendGhost(),q({sortable:this,name:"start",originalEvent:e}):th
is._nulling()),_emulateDragOver:function(){if(ut){this._lastX=ut.clientX,this._lastY=ut.clientY,Rt()};for(var
t=document.elementFromPoint(ut.clientX,ut.clientY),e=t;t&&t.shadowRoot&&(t=t.shadowRoot.elementFromPoint(ut.clie
ntX,ut.clientY))!=e;)e=t;if(V.parentNode[K]_.isOutsideThisEl(t,e)do{if(e[K])if(e[K]_.onDragOver({clientX:ut.clientX,clientY
:ut.clientY,target:t,rootEl:e}))&&!this.options.dragoverBubble)break}while(e=(t=e).parentNode);Xt()),_onTouchMove:funct
ion(t){if(ct){var
e=this.options,n=e.fallbackTolerance,o=e.fallbackOffset,i=t.touches?t.touches[0]:t,r=$&&v($,!0),a=$&&r&&r.a,l=$&&r&&r
.d,e=Mt&&yt&&E(yt),a=(i.clientX-ct.clientX+o.x)/(a||1)+(e?e[0]-Ct[0]:0)/(a||1),l=(i.clientY-ct.clientY+o.y)/(l||1)+(e?e[1]-Ct[1]
:0)/(l||1);if(!Ft.active&&!wt){if(n&&Math.max(Math.abs(i.clientX-this._lastX),Math.abs(i.clientY-this._lastY))<n)return;this._
onDragStart(t,!0)}$&&(r?(r.e+=a-(dt||0),r.f+=l-(ht||0)):r={a:1,b:0,c:0,d:1,e:a,f:l},r="matrix(",".concat(r.a,"").concat(r.b,"").con
cat(r.c,"").concat(r.d,"").concat(r.e,"").concat(r.f,""),R($,"webkitTransform",r),R($,"mozTransform",r),R($,"msTransform
",r),R($,"transform",r),dt=a,ht=l,ut=i),t.cancelable&&t.preventDefault()),_appendGhost:function(){if(!$){var
t=this.options.fallbackOnBody?document.body:Q,e=X(V,!0,Mt,!0,t),n=this.options;if(Mt){for(yt=t;"static"===R(yt,"position"
)&&"none"===R(yt,"transform"))&&yt!==document;)yt=yt.parentNode;yt!==document.body&&yt!==document.documentElement
ement?(yt===document&&(yt=O()),e.top+=yt.scrollTop,e.left+=yt.scrollLeft):yt=O(),Ct=E(yt)}k($=V.cloneNode(!0),n.ghos
tClass,!1),k($,n.fallbackClass,!0),k($,n.dragClass,!0),R($,"transition",""),R($,"transform",""),R($,"box-sizing","border-box")
,R($,"margin",0),R($,"top",e.top),R($,"left",e.left),R($,"width",e.width),R($,"height",e.height),R($,"opacity","0.8"),R($,"posi
tion",Mt?"absolute":"fixed"),R($,"zIndex","100000"),R($,"pointerEvents","none"),Ft.ghost=$,t.appendChild($),R($,"transfo
rm-origin",ft/parseInt($.style.width)*100+"%"+"pt/parseInt($.style.height)*100+"%"))},_onDragStart:function(t,e){var
n=this,o=t.dataTransfer,i=n.options;G("dragStart",this,{evt:t}),Ft.eventCanceled?this._onDrop():(G("setupClone",this),Ft.
eventCanceled||((et=_V)).removeAttribute("id"),et.draggable=!1,et.style["will-change"]="",this._hideClone(),k(et,this.opti

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ons.chosenClass,!1),Ft.clone=et),n.cloneId=Kt(function(){G("clone",n),Ft.eventCanceled||(n.options.removeCloneOnHid
e||Q.insertBefore(et,V),n._hideClone(),q({sortable:n,name:"clone"}))),e||k(V,i.dragClass,!0),e?(Et=!0,n._loopId=setInterv
al(n._emulateDragOver,50)):f(document,"mouseup",n._onDrop),f(document,"touchend",n._onDrop),f(document,"touchc
ancel",n._onDrop),o&&(o.effectAllowed="move",i.setData&&i.setData.call(n,o,V)),h(document,"drop",n),R(V,"transform","
translateZ(0)")),wt=!0,n._dragStartId=Kt(n._dragStarted.bind(n,e,t)),h(document,"selectstart",n),gt=!0,u&&R(document.b
ody,"user-select","none"))},_onDragOver:function(n){var
o,i,r,t,e,a=this.el,l=n.target,s=this.options,c=s.group,u=Ft.active,d=lt===c,h=s.sort,f=st||u,p=this,g=!1;if(!Tt){if(void
0!==n.preventDefault&&n.cancelable&&n.preventDefault(),l=P(l,s.draggable,a,!0),O("dragOver"),Ft.eventCanceled)retur
n
g;if(V.contains(n.target)||l.animated&&l.animatingX&&l.animatingY||p._ignoreWhileAnimating===l)return
A(!1);if(Et=!1,u&&!s.disabled&&(d?h||(i=Z===Q):st===this||(this.lastPutMode=lt.checkPull(this,u,V,n))&&c.checkPut(this,u
,V,n)))if(r="vertical"===this._getDirection(n,l),o=X(V),O("dragOverValid"),Ft.eventCanceled)return
g;if(i)return
Z=Q,M(),this._hideClone(),O("revert"),Ft.eventCanceled||(J?Q.insertBefore(V,J):Q.appendChild(V)),A(!0);var
m=F(a,s.draggable);if(m&&(S=n,c=r,x=X(F((D=this).el,D.options.draggable)),D=L(D.el,D.options,$),!(c?S.clientX>D.right
+10||S.clientY>x.bottom&&S.clientX>x.left:S.clientY>D.bottom+10||S.clientX>x.right&&S.clientY>x.top)||m.animated)){if(
m&&(t=n,e=r,C=X(B(_=this).el,O,_options,!0)),_=L(_el,_options,$),e?t.clientX<_.left-10||t.clientY<C.top&&t.clientX<C.ri
ght:t.clientY<_.top-10||t.clientY<C.bottom&&t.clientX<C.left)){var
v=B(a,0,s,!0);if(v===V)return
A(!1);if(E=X(l=v),!1!==jt(Q,a,V,o,l,E,n,!1))return
M(),a.insertBefore(V,v),Z=a,N(),A(!0)}else
if(l.parentNode===a){var
b,y,w,E=X(l),D=V.parentNode!==a,S=(S=V.animated&&V.toRect||o,x=l.animated&&l.toRect||E,_=(e=r)?S.left:S.top,t=e?
S.right:S.bottom,C=e?S.width:S.height,v=e?x.left:x.top,S=e?x.right:x.bottom,x=e?x.width:x.height,!(_===v||t===S||_+C/2
===v+x/2)),_=r?"top":"left",C=Y(l,"top","top")||Y(V,"top","top"),v=C?C.scrollTop:void
0;if(mt!==l&&(y=E[_],St=!1,_t=!S&&s.invertSwap||D),0!==(b=function(t,e,n,o,i,r,a,l){var
s=o?t.clientY:t.clientX,c=o?n.height:n.width,t=o?n.top:n.left,o=o?n.bottom:n.right,n=!1;if(!a)if(l&&bt<c*i){if(St=!St&&(1===
vt?t+c*r/2<s:s<o-c*r/2)?!0:St)n=!0;else
if(1===vt?s<t+bt:o-bt<s)return-vt}else
if(t+c*(1-i)/2<s&&s<o-c*(1-i)/2)return
function(t){return
j(V)<j(t)?1:-1}(e);if((n=n||a)&&(s<t+c*r/2||o-c*r/2<s))return
t+c/2<s?1:-1;return
0}(n,l,E,r,S?1:s.swapThreshold,null===s.invertedSwapThreshold?s.swapThreshold:s.invertedSwapThreshold,_t,mt===l)))
for(var
T=j(V);(w=Z.children[T=b])&&("none"===R(w,"display"))||w===$););if(0===b||w===l)return
A(!1);vt=b;var

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x=(mt=l).nextElementSibling,D=!1,S=jt(Q,a,V,o,l,E,n,D=1===b);if(!1!==S)return

1!==S&&-1!==S||(D=1===S),Tt=!0,setTimeout(Lt,30),M(),D&&!x?a.appendChild(V):l.parentNode.insertBefore(V,D?x:l),C

&&H(C,0,v-C.scrollTop),Z=V.parentNode,void          0===y||_t||(bt=Math.abs(y-X(l)[_])),N(),A(!0))}else{if(m===V)return

A(!1);if((l=m&&a===n.target?m:l)&&(E=X(l)),!1!==jt(Q,a,V,o,l,E,n,!l))return

M(),m&&m.nextSibling?a.insertBefore(V,m.nextSibling):a.appendChild(V),Z=a,N(),A(!0)}if(a.contains(V))return

A(!1)}return!1}function

O(t,e){G(t,p,l({evt:n,isOwner:d,axis:r?"vertical":"horizontal",revert:i,dragRect:o,targetRect:E,canSort:h,fromSortable:f,targ

et:l,completed:A,onMove:function(t,e){return          jt(Q,a,V,o,t,X(t),n,e)},changed:N},e))}function

M(){O("dragOverAnimationCapture"),p.captureAnimationState(),p!==f&&f.captureAnimationState()}function    A(t){return

O("dragOverCompleted",{insertion:t}),t&&(d?u._hideClone():u._showClone(p),p!==f&&(k(V,(st||u).options.ghostClass,!1),

k(V,s.ghostClass,!0)),st!==p&&p!==Ft.active?st=p:p===Ft.active&&st&&(st=null),f===p&&(p._ignoreWhileAnimating=l),p.

animateAll(function(){O("dragOverAnimationComplete"),p._ignoreWhileAnimating=null}),p!==f&&(f.animateAll(),f._ignore

WhileAnimating=null)),(l===V&&!V.animated||l===a&&!l.animated)&&(mt=null),s.dragoverBubble||n.rootEl||l===documen

t||(V.parentNode[K]._isOutsideThisEl(n.target),t||Yt(n)),!s.dragoverBubble&&n.stopPropagation&&n.stopPropagation(),g

=!0}function

N(){it=j(V),at=j(V,s.draggable),q({sortable:p,name:"change",toEl:a,newIndex:it,newDraggableIndex:at,originalEvent:n}}),

_ignoreWhileAnimating:null,_offMoveEvents:function(){f(document,"mousemove",this._onTouchMove),f(document,"touc

hmove",this._onTouchMove),f(document,"pointermove",this._onTouchMove),f(document,"dragover",Yt),f(document,"mo

usemove",Yt),f(document,"touchmove",Yt)},_offUpEvents:function(){var

t=this.el.ownerDocument;f(t,"mouseup",this._onDrop),f(t,"touchend",this._onDrop),f(t,"pointerup",this._onDrop),f(t,"touch

cancel",this._onDrop),f(document,"selectstart",this)},_onDrop:function(t){var

e=this.el,n=this.options;it=j(V),at=j(V,n.draggable),G("drop",this,{evt:t}),Z=V&&V.parentNode,it=j(V),at=j(V,n.draggable),

Ft.eventCanceled||(St=_t=wt=!1,clearInterval(this._loopId),clearTimeout(this._dragStartTimer),Wt(this.cloneId),Wt(this._

dragStartId),this.nativeDraggable&&(f(document,"drop",this),f(e,"dragstart",this._onDragStart)),this._offMoveEvents(),thi

s._offUpEvents(),u&&R(document.body,"user-select",""),R(V,"transform",""),t&&(gt&&(t.cancelable&&t.preventDefault()),n

.dropBubble||t.stopPropagation()),$&&$.parentNode&&$.parentNode.removeChild($),(Q===Z||st&&"clone"!==st.lastPut

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Mode)&&et&&et.parentNode&&et.parentNode.removeChild(et),V&&(this.nativeDraggable&&(V,"dragend",this),Ht(V),V.s
yle["will-change"]="",gt&&!wt&&k(V,(st||this).options.ghostClass,!1),k(V,this.options.chosenClass,!1),q({sortable:this,na
me:"unchoose",toEl:Z,newIndex:null,newDraggableIndex:null,originalEvent:t}),Q!==Z?(0<=it&&(q({rootEl:Z,name:"add",t
oEl:Z,fromEl:Q,originalEvent:t}),q({sortable:this,name:"remove",toEl:Z,originalEvent:t}),q({rootEl:Z,name:"sort",toEl:Z,from
El:Q,originalEvent:t}),q({sortable:this,name:"sort",toEl:Z,originalEvent:t})),st&&st.save()):it!==ot&&0<=it&&(q({sortable:t
his,name:"update",toEl:Z,originalEvent:t}),q({sortable:this,name:"sort",toEl:Z,originalEvent:t})),Ft.active&&(null!=it&&-1!=
=it||((it=ot,at=rt),q({sortable:this,name:"end",toEl:Z,originalEvent:t}),this.save()))),this._nulling(),_nulling:function(){G("nul
ling",this),Q=V=Z=$=J=et=tt=nt=ct=ut=gt=it=at=ot=rt=mt=vt=st=lt=Ft.dragged=Ft.ghost=Ft.clone=Ft.active=null,xt.forEac
h(function(t){t.checked=!0}),xt.length=dt=ht=0),handleEvent:function(t){switch(t.type){case"drop":case"dragend":this._on
Drop(t);break;case"dragenter":case"dragover":V&&(this._onDragOver(t),function(t){t.dataTransfer&&(t.dataTransfer.drop
Effect="move");t.cancelable&&t.preventDefault()}(t));break;case"selectstart":t.preventDefault()}),toArray:function(){for(var
t,e=[],n=this.el.children,o=0,i=n.length,r=this.options;o<i;o++)P(t=n[o],r.draggable,this.el,!1)&&e.push(t.getAttribute(r.dat
aldAttr))}function(t){var
e=t.tagName+t.className+t.src+t.href+t.textContent,n=e.length,o=0;for(;n--;)o+=e.charCodeAt(n);return
o.toString(36)}(t));return
e},sort:function(t,e){var
n={},o=this.el,this.toArray().forEach(function(t,e){e=o.children[e];P(e,this.options.draggable,o,!1)&&(n[t]=e)},this),e&&this
.captureAnimationState(),t.forEach(function(t){n[t]&&(o.removeChild(n[t]),o.appendChild(n[t]))},e&&this.animateAll()),sa
ve:function(){var
t=this.options.store;t&&t.set&&t.set(this)},closest:function(t,e){return
P(t,e||this.options.draggable,this.el,!1)},option:function(t,e){var
n=this.options;if(void
0===e)return
n[t];var
o=W.modifyOption(this,t,e);n[t]=void
0!==o?o:e,"group"===t&&kt(n)},destroy:function(){G("destroy",this);var
t=this.el;t[K]=null,f(t,"mousedown",this._onTapStart),f(t,"touchstart",this._onTapStart),f(t,"pointerdown",this._onTapStart),
this.nativeDraggable&&(f(t,"dragover",this),f(t,"dragenter",this)),Array.prototype.forEach.call(t.querySelectorAll("[draggab
le]"),function(t){t.removeAttribute("draggable")}),this._onDrop(),this._disableDelayedDragEvents(),Dt.splice(Dt.indexOf(th
is.el),1),this.el=t=null},_hideClone:function(){nt||(G("hideClone",this),Ft.eventCanceled||(R(et,"display","none"),this.option
s.removeCloneOnHide&&et.parentNode&&et.parentNode.removeChild(et,nt=!0))},_showClone:function(t){"clone"===t.l
astPutMode?nt&&(G("showClone",this),Ft.eventCanceled||(V.parentNode!=Q||this.options.group.revertClone?J?Q.insert

```

```

Before(et,J):Q.appendChild(et):Q.insertBefore(et,V),this.options.group.revertClone&&this.animate(V,et),R(et,"display",""),
,nt=!1)):this._hideClone()}},Ot&&h(document,"touchmove",function(t){(Ft.active||wt)&&t.cancelable&&t.preventDefault()}),
Ft.utils={on:h,off:f,css:R,find:b,is:function(t,e){return!!P(t,e,t,!1)},extend:function(t,e){if(t&&e)for(var n in
e)e.hasOwnProperty(n)&&(t[n]=e[n]);return
t},throttle:S,closest:P,toggleClass:k,clone:_,index:j,nextTick:Kt,cancelNextTick:Wt,detectDirection:Pt,getChild:B},Ft.get=f
unction(t){return t[K]},Ft.mount=function(){for(var t=arguments.length,e=new
Array(t),n=0;n<t;n++)e[n]=arguments[n];(e=e[0].constructor===Array?e[0]:e).forEach(function(t){if(!t.prototype||!t.prototype
e.constructor)throw"Sortable: Mounted plugin must be a constructor function, not
".concat({}.toString.call(t));t.utils&&(Ft.utils=l(l({},Ft.utils),t.utils)),W.mount(t)}),Ft.create=function(t,e){return new
Ft(t,e);var zt,Gt,Ut,qt,Vt,Zt,$t=[],Qt=!(Ft.version="1.15.2");function
Jt(){$.forEach(function(t){clearInterval(t.pid)}),$t=[]}function te(){clearInterval(Zt)}var
ee,ne=S(function(n,t,e,o){if(t.scroll){var
i,r=(n.touches?n.touches[0]:n).clientX,a=(n.touches?n.touches[0]:n).clientY,l=t.scrollSensitivity,s=t.scrollSpeed,c=O(),u=
1;Gt!=e&&(Gt=e,Jt()),zt=t.scroll,i=t.scrollFn,!0===zt&&(zt=M(e,!0));var d=0,h=zt;do{var
f=h,p=X(f),g=p.top,m=p.bottom,v=p.left,b=p.right,y=p.width,w=p.height,E=void 0,D=void
0,S=f.scrollWidth,_=f.scrollHeight,C=R(f),T=f.scrollLeft,p=f.scrollTop,D=f===c?(E=y<S&&("auto"===C.overflowX||"scroll"
===C.overflowX||"visible"===C.overflowX),w<_&&("auto"===C.overflowY||"scroll"===C.overflowY||"visible"===C.overflow
wY)):(E=y<S&&("auto"===C.overflowX||"scroll"===C.overflowX),w<_&&("auto"===C.overflowY||"scroll"===C.overflowY))
,T=E&&(Math.abs(b-r)<=l&&T+y<S)-(Math.abs(v-r)<=l&&!!T),p=D&&(Math.abs(m-a)<=l&&p+w<_)-(Math.abs(g-a)<=l&&!!
p);if(!$t[d])for(var
x=0;x<=d;x++)$t[x]||(t[x]={});$t[d].vx==T&&$t[d].vy==p&&$t[d].el===f||($t[d].el=f,$t[d].vx=T,$t[d].vy=p,clearInterval($t[d].
pid),0==T&&0==p||(u=!0,$t[d].pid=setInterval(function(){o&&0===this.layer&&Ft.active._onTouchMove(Vt);var
t=$t[this.layer].vy?$t[this.layer].vy*s:0,e=$t[this.layer].vx?$t[this.layer].vx*s:0;"function"===typeof
i&&"continue"!==i.call(Ft.dragged.parentNode[K],e,t,n,Vt,$t[this.layer].el)||H($t[this.layer].el,e,t)).bind({layer:d}),d++}
while(t.bubbleScroll&&h!=c&&(h=M(h,!1)));Qt=u}},30),c=function(t){var
e=t.originalEvent,n=t.putSortable,o=t.dragEl,i=t.activeSortable,r=t.dispatchSortableEvent,a=t.hideGhostForTarget,t=t.un

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hideGhostForTarget;e&&(i=n||i,a(),e=e.changedTouches&&e.changedTouches.length?e.changedTouches[0]:e,e=document.
ent.elementFromPoint(e.clientX,e.clientY),t(),i&&!i.el.contains(e)&&(r("spill"),this.onSpill({dragEl:o,putSortable:n})));function
ionoe(){}function
ie(){}oe.prototype={startIndex:null,dragStart:function(t){t=t.oldDraggableIndex;this.startIndex=t},onSpill:function(t){var
e=t.dragEl,n=t.putSortable;this.sortable.captureAnimationState(),n&&n.captureAnimationState();t=B(this.sortable.el,this.
startIndex,this.options);t?this.sortable.el.insertBefore(e,t):this.sortable.el.appendChild(e),this.sortable.animateAll(),n&&n.
animateAll()},drop:c},a(oe,{pluginName:"revertOnSpill"}),ie.prototype={onSpill:function(t){var
e=t.dragEl,t=t.putSortable||this.sortable;t.captureAnimationState(),e.parentNode&&e.parentNode.removeChild(e),t.anim
ateAll(),drop:c},a(ie,{pluginName:"removeOnSpill"});varre,ae,le,se,ce,ue=[],de=[],he=!1,fe=!1,pe=!1;function
ge(n,o){de.forEach(function(t,e){e=o.children[t.sortableIndex+(n?Number(e):0)];e?o.insertBefore(t,e):o.appendChild(t))}f
unctionme(){ue.forEach(function(t){t!==le&&t.parentNode&&t.parentNode.removeChild(t))}returnFt.mount(new
function(){functiont(){for(var tinthis.defaults={scroll:!0,forceAutoScrollFallback:!1,scrollSensitivity:30,scrollSpeed:10,bubbleScroll:!0},this)"_"===t.charAt(
0)&&"function"===typeofthis[t]&&(this[t]=this[t].bind(this))}return
t.prototype={dragStarted:function(t){t=t.originalEvent;this.sortable.nativeDraggable?h(document,"dragover",this._handle
AutoScroll):this.options.supportPointer?h(document,"pointermove",this._handleFallbackAutoScroll):t.touches?h(docume
nt,"touchmove",this._handleFallbackAutoScroll):h(document,"mousemove",this._handleFallbackAutoScroll)},dragOverC
ompleted:function(t){t=t.originalEvent;this.options.dragOverBubble||t.rootEl||this._handleAutoScroll(t)},drop:function(){thi
s.sortable.nativeDraggable?f(document,"dragover",this._handleAutoScroll):(f(document,"pointermove",this._handleFallb
ackAutoScroll),f(document,"touchmove",this._handleFallbackAutoScroll),f(document,"mousemove",this._handleFallback
AutoScroll)),te(),Jt(),clearTimeout(g),g=void
0},nulling:function(){Vt=Gt=zt=Qt=Zt=Ut=qt=null,$t.length=0},_handleFallbackAutoScroll:function(t){this._handleAutoScr
oll(t,!0)},_handleAutoScroll:function(e,n){var
o,i=this,r=(e.touches?e.touches[0]:e).clientX,a=(e.touches?e.touches[0]:e).clientY,t=document.elementFromPoint(r,a);Vt
=e,n||this.options.forceAutoScrollFallback||w||y||u?(ne(e,this.options,t,n),o=M(t,!0),!Qt||Zt&&r===Ut&&a===qt||(Zt&&te(),
Zt=setInterval(function(){var

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t=M(document.elementFromPoint(r,a,!0);t!==o&&(o=t,Jt()),ne(e,i.options,t,n)},10),Ut=r,qt=a)):this.options.bubbleScroll&
&M(t,!0)!==O()?ne(e,this.options,M(t,!1),!1):Jt()}},a(t,{pluginName:"scroll",initializeByDefault:!0})),Ft.mount(ie,oe),Ft.mou
nt(new          function(){function          t(){this.defaults={swapClass:"sortable-swap-highlight"}}return
t.prototype={dragStart:function(t){t=t.dragEl;ee=t},dragOverValid:function(t){var
e=t.completed,n=t.target,o=t.onMove,i=t.activeSortable,r=t.changed,a=t.cancel;i.options.swap&&(t=this.sortable.el,i=this
.options,n&&n!==t&&(t=ee,ee=!1!==o(n)?(k(n,i.swapClass,!0),n):null,t&&t!==ee&&k(t,i.swapClass,!1)),r(),e(!0),a()}},drop:f
unction(t){var
e,n,o=t.activeSortable,i=t.putSortable,r=t.dragEl,a=i||this.sortable,l=this.options;ee&&k(ee,l.swapClass,!1),ee&&(l.swap||i
&&i.options.swap)&&r!==ee&&(a.captureAnimationState(),a!==o&&o.captureAnimationState(),n=ee,t=(e=r).parentNode,l
=n.parentNode,t&&l&&!t.isEqualNode(n)&&!t.isEqualNode(e)&&(i=j(e),r=j(n),t.isEqualNode(l)&&i<r&&r++,t.insertBefore(n
,t.children[i]),l.insertBefore(e,l.children[r])),a.animateAll(),a!==o&&o.animateAll()}),nulling:function(){ee=null}},a(t,{pluginN
ame:"swap",eventProperties:function(){return{swapItem:ee}}}),Ft.mount(new function(){function t(o){for(var t in
this)="_"===t.charAt(0)&&"function"===typeof
this[t]&&(this[t]=this[t].bind(this));o.options.avoidImplicitDeselect||(o.options.supportPointer?h(document,"pointerup",this.
_deselectMultiDrag):(h(document,"mouseup",this._deselectMultiDrag),h(document,"touchend",this._deselectMultiDrag)))
,h(document,"keydown",this._checkKeyDown),h(document,"keyup",this._checkKeyUp),this.defaults={selectedClass:"sort
able-selected",multiDragKey:null,avoidImplicitDeselect:!1,setData:function(t,e){var
n="";ue.length&&ae===o?ue.forEach(function(t,e){n+=(e?",
":"")+t.textContent}):n=e.textContent,t.setData("Text",n)}}return
t.prototype={multiDragKeyDown:!1,isMultiDrag:!1,delayStartGlobal:function(t){t=t.dragEl;le=t},delayEnded:function(){this.
isMultiDrag=~ue.indexOf(le)},setupClone:function(t){var          e=t.sortable,t=t.cancel;if(this.isMultiDrag){for(var
n=0;n<ue.length;n++)de.push(_(ue[n])),de[n].sortableIndex=ue[n].sortableIndex,de[n].draggable=!1,de[n].style["will-chan
ge"]="",k(de[n],this.options.selectedClass,!1),ue[n]===le&&k(de[n],this.options.chosenClass,!1);e._hideClone(),t()}},clone
:function(t){var
e=t.sortable,n=t.rootEl,o=t.dispatchSortableEvent,t=t.cancel;this.isMultiDrag&&(this.options.removeCloneOnHide||ue.len
gth&&ae===e&&(ge(!0,n,o("clone"),t))),showClone:function(t){var

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e=t.cloneNowShown,n=t.rootEl,t=t.cancel;this.isMultiDrag&&(ge(!1,n),de.forEach(function(t){R(t,"display",""),e(),ce=!1,t
()}),hideClone:function(t){var

e=this,n=(t.sortable,t.cloneNowHidden),t=t.cancel;this.isMultiDrag&&(de.forEach(function(t){R(t,"display","none"),e.optio
ns.removeCloneOnHide&&t.parentNode&&t.parentNode.removeChild(t)}),n(),ce=!0,t())),dragStartGlobal:function(t){t.sort
able;!this.isMultiDrag&&ae&&ae.multiDrag._deselectMultiDrag(),ue.forEach(function(t){t.sortableIndex=j(t)}),ue=ue.sort(f
unction(t,e){return
t.sortableIndex-e.sortableIndex}),pe=!0},dragStarted:function(t){var
e,n=this,t=t.sortable;this.isMultiDrag&&(this.options.sort&&(t.captureAnimationState(),this.options.animation&&(ue.forEa
ch(function(t){t!==le&&R(t,"position","absolute"))},e=X(le,!1,!0,!0),ue.forEach(function(t){t!==le&&C(t,e)}),he=fe=!0)),t.ani
mateAll(function(){he=fe=!1,n.options.animation&&ue.forEach(function(t){T(t)},n.options.sort&&me()))},dragOver:functio
n(t){var
e=t.target,n=t.completed,t=t.cancel;fe&&~ue.indexOf(e)&&(n(!1),t())),revert:function(t){var
n,o,e=t.fromSortable,i=t.rootEl,r=t.sortable,a=t.dragRect;1<ue.length&&(ue.forEach(function(t){r.addAnimationState({targ
et:t,rect:fe?X(t):a}),T(t),t.fromRect=a,e.removeAnimationState(t)}),fe=!1,n=!this.options.removeCloneOnHide,o=i,ue.forE
ach(function(t,e){e=o.children[t.sortableIndex+(n?Number(e):0)];e?o.insertBefore(t,e):o.appendChild(t)})),dragOverCom
pleted:function(t){var

e,n=t.sortable,o=t.isOwner,i=t.insertion,r=t.activeSortable,a=t.parentEl,l=t.putSortable,t=this.options;i&&(o&&r._hideClon
e(),he=!1,t.animation&&1<ue.length&&(fe||o&&!r.options.sort&&!!)&&(e=X(le,!1,!0,!0),ue.forEach(function(t){t!==le&&C(t
,e),a.appendChild(t)}),fe=!0),o||(fe||me(),1<ue.length?(o=ce,r._showClone(n),r.options.animation&&!ce&&o&&de.forEac
h(function(t){r.addAnimationState({target:t,rect:se}),t.fromRect=se,t.thisAnimationDuration=null})):r._showClone(n))),dra
gOverAnimationCapture:function(t){var

e=t.dragRect,n=t.isOwner,t=t.activeSortable;ue.forEach(function(t){t.thisAnimationDuration=null}),t.options.animation&&!
n&&t.multiDrag.isMultiDrag&&(se=a({}),e=v(le,!0),se.top-=e.f,se.left-=e.e)},dragOverAnimationComplete:function(){fe&
&(fe=!1,me())},drop:function(t){var

e=t.originalEvent,n=t.rootEl,o=t.parentEl,i=t.sortable,r=t.dispatchSortableEvent,a=t.oldIndex,l=t.putSortable,s=||this.sort
able;if(e){var

c,u,d,h=this.options,f=o.children;if(!pe)if(h.multiDragKey&&!this.multiDragKeyDown&&this._deselectMultiDrag(),k(le,h.se
lectedClass,!~ue.indexOf(le)),~ue.indexOf(le))ue.splice(ue.indexOf(le),1),re=null,z({sortable:i,rootEl:n,name:"deselect",ta

```



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rgetEl:le,originalEvent:e));else{if(ue.push(le),z({sortable:i,rootEl:n,name:"select",targetEl:le,originalEvent:e}),e.shiftKey&
&re&&i.el.contains(re)){var p=j(re),t=j(le);if(~p&&~t&&p!==t)for(var
g,m=p<t?(g=p,t):(g=t,p+1);g<m;g++)~ue.indexOf(f[g])||(k(f[g],h.selectedClass,!0),ue.push(f[g]),z({sortable:i,rootEl:n,nam
e:"select",targetEl:f[g],originalEvent:e})))else
re=le;ae=s}pe&&this.isMultiDrag&&(fe=!1,(o[K].options.sort||o!==n)&&1<ue.length&&(c=X(le),u=j(le,":not(."+this.options.
selectedClass+""),!he&&h.animation&&(le.thisAnimationDuration=null),s.captureAnimationState(),he||(h.animation&&(le
.fromRect=c,ue.forEach(function(t){var
e;t.thisAnimationDuration=null,t!==le&&(e=fe?X(t):c,t.fromRect=e,s.addAnimationState({target:t,rect:e}))),me(),ue.forEa
ch(function(t){ff[u]?o.insertBefore(t,f[u]):o.appendChild(t,u++),a===j(le)&&(d=!1,ue.forEach(function(t){t.sortableIndex!=
=j(t)&&(d=!0))),d&&(r("update"),r("sort")))),ue.forEach(function(t){T(t)},s.animateAll()),ae=s),(n===o||!&&"clone"!==l.lastP
utMode)&&de.forEach(function(t){t.parentNode&&t.parentNode.removeChild(t)})),nullingGlobal:function(){this.isMultiDra
g=pe=!1,de.length=0},destroyGlobal:function(){this._deselectMultiDrag(),f(document,"pointerup",this._deselectMultiDrag)
,f(document,"mouseup",this._deselectMultiDrag),f(document,"touchend",this._deselectMultiDrag),f(document,"keydown",
this._checkKeyDown),f(document,"keyup",this._checkKeyUp)},_deselectMultiDrag:function(t){if(!(void
0!==pe&&pe||ae!==this.sortable||t&&P(t.target,this.options.draggable,this.sortable.el,!1)||t&&0!==t.button))for(;ue.length;)
{var
e=ue[0];k(e,this.options.selectedClass,!1),ue.shift(),z({sortable:this.sortable,rootEl:this.sortable.el,name:"deselect",target
El:e,originalEvent:t})),_checkKeyDown:function(t){t.key===this.options.multiDragKey&&(this.multiDragKeyDown=!0)},_c
heckKeyUp:function(t){t.key===this.options.multiDragKey&&(this.multiDragKeyDown=!1)},a(t,{pluginName:"multiDrag",
utils:{select:function(t){var
e=t.parentNode[K];e&&e.options.multiDrag&&!~ue.indexOf(t)&&(ae&&ae!==e&&(ae.multiDrag._deselectMultiDrag(),ae=
e),k(t,e.options.selectedClass,!0),ue.push(t))},deselect:function(t){var
e=t.parentNode[K],n=ue.indexOf(t);e&&e.options.multiDrag&&~n&&(k(t,e.options.selectedClass,!1),ue.splice(n,1))}},eve
ntProperties:function(){var n=this,o=[],i=[];return ue.forEach(function(t){var
e;o.push({multiDragElement:t,index:t.sortableIndex}),e=fe&&t!==le?-1:fe?j(t,":not(."+n.options.selectedClass+""):j(t),i.pu
sh({multiDragElement:t,index:e})),{items:r(ue),clones: [].concat(de),oldIndices:o,newIndices:i}},optionListeners:{multiDr

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agKey:function(t){return"ctrl"===(t=t.toLowerCase())?t="Control":1<t.length&&(t=t.charAt(0).toUpperCase()+t.substr(1)),t  
}}}}),Ft));
```