

**Group No: 15**

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# CS 525: Advanced Database Organization

Spring 2025 - Assignment 4 - B+ Tree Implementation

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**CONTRIBUTION TABLE**

Group no 15: Individual Contribution			
CWID	Name	Contribution (description)	Percent Contribution
A20545367	Ameya Hujare	<ul style="list-style-type: none"><li>Implemented core B+-tree functions: createBtree, insertKey, and deleteKey.</li><li>Integrated leaf and internal node split logic.</li><li>Handled tree rebalancing and merging.</li></ul>	33.3%
A20545137	Deep Pawar	<ul style="list-style-type: none"><li>Developed findKey, openTreeScan, nextEntry, and closeTreeScan functions.</li><li>Implemented in-order traversal and supported search/debug features like printTree.</li></ul>	33.3%
A20479758	Canyu Chen	<ul style="list-style-type: none"><li>Designed and executed test cases (test_assign4_1.c).</li><li>Managed project structure (Makefile, README.md).</li><li>Integrated pointer swizzling and record manager features.</li></ul>	33.3%