Personal notes:

Pirklbauer:

They have a “header” block where all start addresses of the files are.
Creating file:
At the start of the first block is the name of the file.
At the end of every block is the address to the next block of the file.
Sequentially:
After reading a block, the reader jumps to the next block through the address at the end of the file (like Linked List).
Delete file:
The entry gets removed out of the header block (block where all addresses of the start from the files are written). The content gets deleted.
Increase:
More blocks get allocated.
Seek:
Size to skip / Block size = Blocks to skip

Forstinger:

Structure:
They have 3 different block types in the file system: Description Block, Content Block, Free Block Table
In the Description Block is the filename, Metadata, addresses, …
In the Free Block Table are the addresses of the available blocks.
Creating file:
Remove used Blocks from the Table, write content into content block, data into description block.
Sequentially:
Iterate through blocks.
Seek: Like Pirklbauer
Delete: delete content from all block types and add addresses to free block table.
Increase: Allocate more blocks (“ask” free block table for next free block).

Gutenbrunner:

If the block is empty, a NULL-Terminator is written into the block (in the beginning).
2 Different block types (dir, file).
They also have a list of unused blocks in the first block like the others.
Create:
Remove from unused block table.
Allocate block.
Seek: Like the others.
Sequentially: like the others.

Metbala:

At the start is a Meta-Data Block (Free Space Management). After the Meta-Data block is the Address Block (unused addresses)
In the Meta-Data Block is the Meta-data and the address of the 1st block stored.
Deleting file:
like the others.
Decrease: Write now unused block addresses to Free Space Management Block.
Increase: Allocate more Blocks.
Seek and Sequentially like others.

Dalpiaz:

They have used block tables and meta-data lists.
Seek and Sequentially like others.
Remove: Blocks get removed from the Meta-data list.
Increase: Block get added to the Meta-Data list.