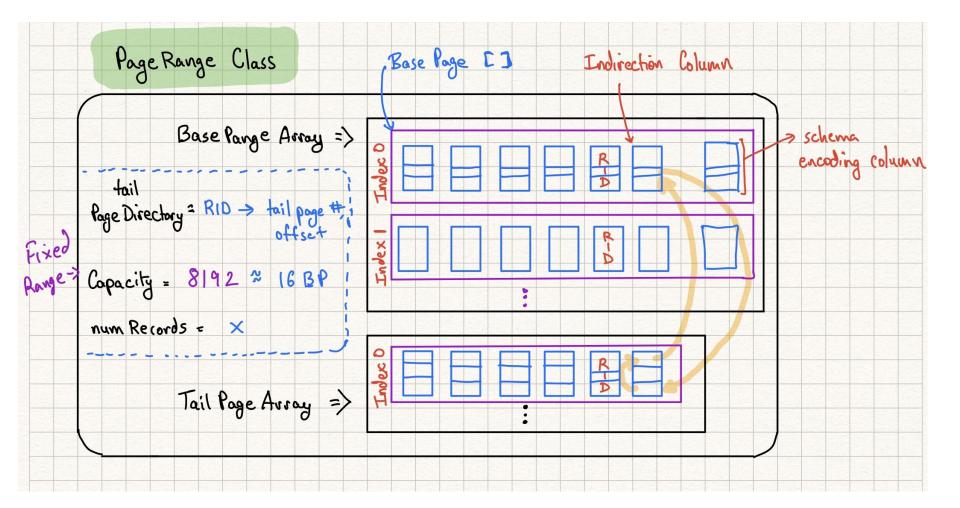
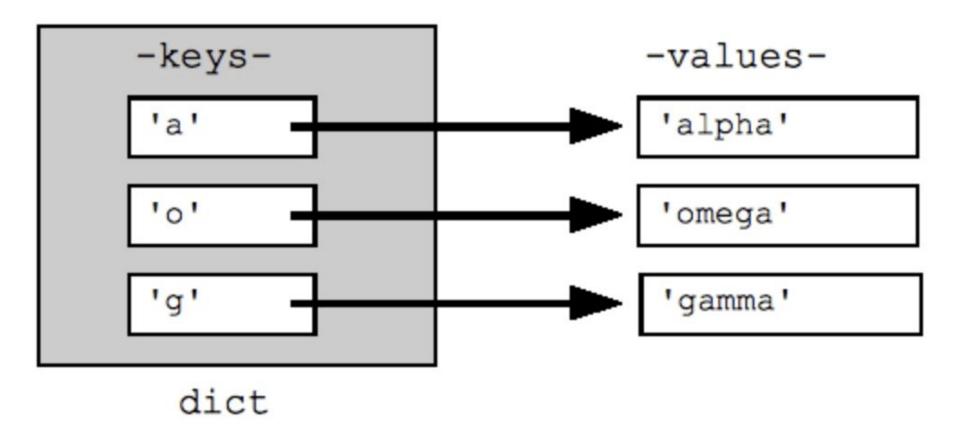
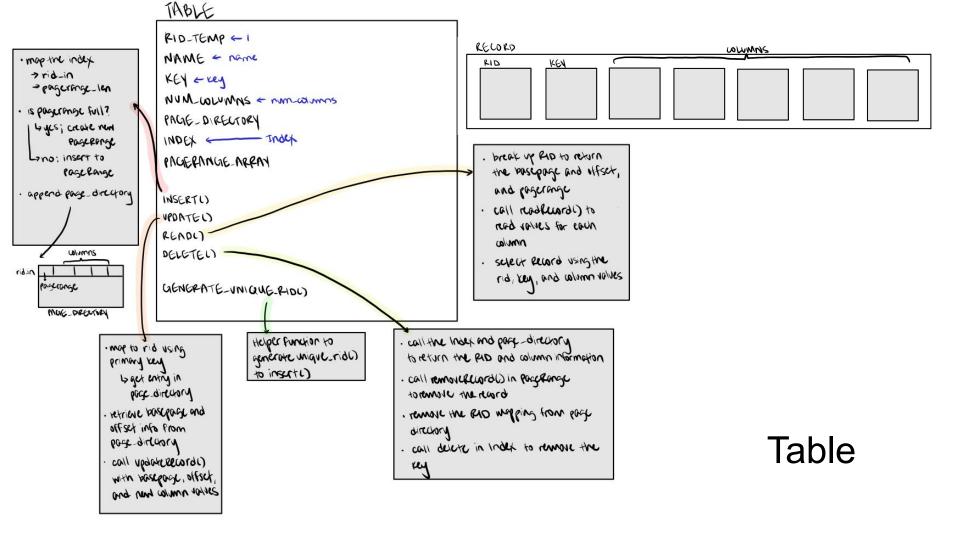
Milestone 1

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Key -> RID and RID -> pagerange index, basepage, offset





PAGE -> SIZE= 4096 bytes

Page

num rewirds daya capacity=512 HAS_CAPACITY() WRITE () READL)

- · each element is 64 bits
- · signed, little Endian byte order

Index

- locate()
 - 2 parameters (Column and Value)
 - First checks if value is present, if not returns a null value
 - Returns RID that matches the value
- delete()
 - Takes the Rid in the parameter and uses the python (del) function to delete the value
- _init_()
 - Assigns table to index object

Query

Abstracts majority of the functionality to table class

- insert():
 - Creates schema encoding column and passes it to insert function in table class along with the rest of the columns to create record
- select():
 - Figure out which RID's need to be read using index and call Table read with RID
- update():
 - Call update function in table
- delete():
 - Call delete function in table
- sum():
 - o Iterate through keys in the range given. Find corresponding value in memory using locate and table read.