

Mini-database Program Testing

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Requirements	Test Case/data	Expected Output	Observed Output /Comment
Read from a file	Employee.db	Successfully reads from file	
Write to file	Employee.db	Successfully writes to file	
RETRIEVE	last name: wang	Display all employees with last name wang	Sophie Wang Peter Wang
	first name:	Sophie,Peter	
	SSN:		
	Birth date:		
	Salary		
DELETE		The employee was deleted successfully	<<
UPDATE		The employee was updated successfully	<<
INSERT		The employee was successfully inserted into the database	
QUIT		Are you sure you want to exit? Changes will be written to the database	
Input validation	Menu validation:	yes	
	Insert field validation:	yes	
	Insert duplication check:	yes	
	Update field validation: - First and last name - SSN - Birth date - Salary	Yes all validated through auxiliary functions	
	Update confirmation:	yes	
	Delete confirmation:	yes	
Use functions	yes		
Use linked list	no		
Use classes	yes		

Proper variable names	yes		
Proper indentation	yes		
Proper header and inline comments	yes		
No global variables	yes		
Friendly user interface	yes		