Military Dining Hall Management System Methods

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Test Cases

1.1 String logIn()

Input1: Keyboard input **Output:** String

Test	Email	Password	Expected result
1	robet34@hotmail.com	pepe	"Go to Admin menu"
2	robet34@hotmail.com	Pepe123	Incorrect email or password
3	robet3hotmail.com	pepe	Incorrect email or password
4	alfonso@gmail.com	alfoncito	"Go to Chef menu"
5	alfonso@gmail.com	alfonito	Incorrect email or password
6	alfongmail.com	alfoncito	Incorrect email or password
7	ismael@gmail.com	123	"Go to Commensal menu"
8	ismael@gmail.com	5628	Incorrect email or password
9	isml@gmail.com	123	Incorrect email or password
10	151	psdo	Incorrect email or password

2.1 String findAccount(String fileName, int idSearch, String email, String password)

Input1: idSearch **Input2:** email **Input3:** password **Input4:** Keyboard input **Output:** String

Test	fileName	idSearch	email	Expected result
1	militaryChefs	1710936186	alfonso@gmail.com	Found!
2	commensals	1752874568	ismael@gmail.com	null
3	militaryChefs	1753597796	pablo@hotmail.com	null
4	militaryChefs	1635290428	carlospe0505@gmail.com	null
5	commensals	1753597796	ismael@gmail.com	Found!
6	commensals	1710936186	carlospe0505@gmail.com	null
7	commensals	1635290428	marco@hotmail.com	Found!
8	administrators	1752874568	robet34@hotmail.com	null
9	generalAdministrator	1635290428	robet34@hotmail.com	null
10	administrators	1722779277	edusegarra6@gmail.com	Found!

2.2 boolean findAccountById(String fileName, long idToCheck)

Input1: fileName **Input2:** idToCheck **Output:** String

Test	fileName	idToCheck	Expected result
1	militaryChefs	1632942581	False
2	militaryChefs	1564	False
3	militaryChefs	1632942581	True
4	militaryChefs	1722779277	True
5	commensals	16546511	False
6	commensals	1722779277	False
7	commensals	156894	False
8	commensals	1752874568	True
9	administrators	1632942581	True
10	administrator	1752874456	False

2.3 DateBook loadDateBook(long id)

Input1: id **Output:** dateBook

Test	id	Expected result
1	1752874568	dateBook
2	19951	null
3	-91212	null
4	1635290428	datebook
5	1722779277	datebook
6	1589842868	null
7	1936251847	datebook
8	1151	null
9	-9632	null
10	89	null

2.4 Dish loadDishesByMonth(int month)

Input1: id **Output:** datebook

Test	month	Expected result
1	1	dish
2	6	dish
3	5	dish
4	-9	null
5	-65	null
6	13	null
7	26	null
8	0	null
9	98	null
10	2	dish

2.5 boolean isValidEmailFormat(String email)

Input1: email **Output:** true or false

Test	Email	Expected result
1	carlospe0505@gmail.com	True
2	robet34@hotmail.com	True
3	psegarra70@gmail.com	True
4	pepito@hotail.com	False
5	arjunap@otlook.com	False
6	-8915	False
7	pablo@hotmail.com	True
8	david2@hotmail.com	True
9	ajajfjfal	False
10	0	False

3.1 int valideInt(int lowerOption, int higherOption)

Input1: lowerOption **Input2:** higherOption **Input3:** Keyboard input **Output:** int

Test	lowerOption	higherOption	Keyboard input	Expected result
1	1	8	4	4
2	1	9	9	9
3	1	2	362	The option can't be lower than 1 or higher than 2.
4	1	7	5	5
5	1	36	13	13
6	1	9	7	7
7	1	2	6	The option can't be lower than 1 or higher than 2.
8	1	10	3	3
9	1	12	5	5
10	1	3	9	The option can't be lower than 1 or higher than 3.

3.2 int validateDay(int year, int month)

Input1: year **Input2:** month **Input3:** Keyboard input **Output:** int

Test	year	month	Keyboard input	Expected result
1	2024	3	15	15
2	2026	11	31	Day must be between 1 and 30.
3	2025	1	-9	Day must be between 1 and 31.
4	2024	8	36	Day must be between 1 and 31.
5	2024	7	25	24
6	2027	3	29	29
7	2027	6	-69	Day must be between 1 and 30.
8	2025	5	13	13
9	2026	12	9	9
10	2026	9	31	Day must be between 1 and 31.

3.3 boolean validateId(String idInput)

Input1: idInput **Output:** Boolean

Test	idInput	Expected result
1	1752874568	True
2	1752871589	False
3	1234567890	False
4	pepe	False
5	2300684442	True
6	2300684483	True
7	1316848223	True
8	-98	False
9	pol	False
10	1235498498	False

3.4 String validateGradeAccount()

Input1: Keyboard input **Output:** String

Test	Keyboard input	Expected result
1	publicServant	publicServant
2	PUBLICservant	Invalid entry. Please enter a valid grade.
3	Servant	Invalid entry. Please enter a valid grade.
4	Army General	Army General
5	2564	Invalid entry. Please enter a valid grade.
6		Invalid entry. Please enter a valid grade.
7	militar	Invalid entry. Please enter a valid grade.
8	abhfahfhf	Invalid entry. Please enter a valid grade.
9	ñ	Invalid entry. Please enter a valid grade.
10	020	Invalid entry. Please enter a valid grade.

3.5 int validateMonth()

Input1: Keyboard input **Output:** int

Test	Keyboard input	Expected result
1	-2	Month must be between 7 and 12.
2	-1	Month must be between 7 and 12.
3	0	Month must be between 7 and 12.
4	1	Month must be between 7 and 12.
5	9	9
6	3	Month must be between 7 and 12.
7	4	Month must be between 7 and 12.
8	9	9
9	10	10
10	11	11

3.6 boolean validBoolean()

Input1: Keyboard input **Output:** Boolean

Test	Keyboard input	Expected result
1	True	Invalid entry. Please type true or false.
2	true	true
3	TRUE	Invalid entry. Please type true or false.
4	Tu	Invalid entry. Please type true or false.
5	-9	Invalid entry. Please type true or false.
6	False	Invalid entry. Please type true or false.
7	false	false
8	folse	Invalid entry. Please type true or false.
9	FALSE	Invalid entry. Please type true or false.
10	F	Invalid entry. Please type true or false.