

Sheet1

#	Pri.	Story	Example	Test	Image									
1	1	As a teacher, I want a user interface for my database.	When you start the program you see the message: Database (enter 'x' to exit). Immediately below, you see "Enter Command> ". If you enter 'x' the program quits. If you enter anything else, it asks for another command.	<ol style="list-style-type: none">1. Start the program.2. See "Database (enter 'x' to exit)" and "Enter Command" on the next line.3. Enter 'a'4. See "Enter Command" on the next line.5. Enter 'x'6. See the Unix prompt. I.e., the program terminates.										
2	2	As a teacher, I want to add a student to my database, so I can track his or her record.	Enter 'a' when prompted for a command. You will be prompted for the student's serial number, name, and attendance.	<ol style="list-style-type: none">1. Start the program.2. See "Calculator (enter 'x' to exit)" and "Enter command> " on the second line.3. Enter 'a'.4. See "Enter Sno: "5. Enter "1"6. See "Enter Name: "7. Enter "Alice"8. See "Enter Attendance: "9. Enter 1;10. See "1: Alice TestUser Present."11. Add another student "Bob" with Sno 2, but enter 0 when asked for attendance.12. See "2: Bob Absent."										
3	3	As a teacher, I want to be see all of the students in my class, so I can see who is present and absent.	Enter 'l' when prompted for a command. The list of students added to the database will be printed with all of their information.	<ol style="list-style-type: none">1. Start the program.2. See "Database (enter 'x' to exit)" and "Enter Command" on the next line.3. Enter two users as in test 2.4. Enter 'l'5. See:<table><thead><tr><th>Sno</th><th>Name</th><th>Attendance</th></tr></thead><tbody><tr><td>1</td><td>Alice TestUser</td><td>Present</td></tr><tr><td>2</td><td>Bob</td><td>Absent</td></tr></tbody></table>	Sno	Name	Attendance	1	Alice TestUser	Present	2	Bob	Absent	
Sno	Name	Attendance												
1	Alice TestUser	Present												
2	Bob	Absent												

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4	4	As a programmer, I want to add a set of records to my database for testing purposes.	Enter 'i' when prompted. Ten new records will be added to the database.	<ol style="list-style-type: none"> 1. Start the program. 2. See "Database (enter 'x' to exit)" and "Enter Command" on the next line. 3. Enter 'i' 4. Enter 'l' 5. See a list of ten students. 	<pre> nat@wren:~/Cases/db/fake-db\$./db Database: enter 'x' to exit Enter operator> i Enter operator> l Attendance: S.No. Name Attendance 0 student 0 present 1 student 1 absent 2 student 2 present 3 student 3 present 4 student 4 present 5 student 5 present 6 student 6 absent 7 student 7 absent 8 student 8 present 9 student 9 present Enter operator> x nat@wren:~/Cases/db/fake-db\$ </pre>
5	5	As a teacher, I want to be find a student's record so I can see whether a student was present or absent for a class.	Enter 'f' when prompted for a command. You will be prompted for the student's serial number. When you enter the student's serial number, that student's record will be displayed. If the student's record is not found, the message "Student <sno> not found" where <sno> is the serial number entered.	<ol style="list-style-type: none"> 1. Start the program. 2. See "Database (enter 'x' to exit)" and "Enter Command" on the next line. 3. Enter 'i' 4. Enter 'f' 5. See "Enter student's Sno: ". 6. Enter 1. 7. See "1: student 1 present." 8. Enter 'f' 9. See "Enter student's Sno: ". 10. Enter 2 11. See "2: student 2 absent." 12. Enter 'f' 13. See "Enter student's Sno: ". 14. Enter 10 15. See "Student 3 not found." 	<pre> nat@wren:~/Cases/db/fake-db\$./db Database: enter 'x' to exit Enter operator> i Enter operator> f Enter student's SNo: 1 1: student 1 absent Enter operator> f Enter student's SNo: 2 2: student 2 present Enter operator> f Enter student's SNo: 10 Student 10 not found Enter operator> x nat@wren:~/Cases/db/fake-db\$ </pre>

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6	6	As a teacher, I want to modify a student's record, so I can correct mistakes.	Enter 'm' when prompted for a command. You will be prompted for the student's a serial number. You will then be prompted to enter serial number, name, and attendance with the current values displayed.	<ol style="list-style-type: none"> 1. Start the program. 2. See "Database (enter 'x' to exit)" and "Enter Command" on the next line. 3. Enter 'i' 4. Enter 'f' 5. See "Enter student's Sno: ". 6. Enter 1. 7. See "1: student 1 present" 8. Enter 'm' 9. See "Enter Sno: " 10. Enter "1" 11. See "Enter Name: " 12. Enter "Alice" 13. See "Enter Attendance: " 14. Enter 0; 15. Enter 'f' 16. See "Enter Student's Sno: ". 17. Enter 1. 18. See "1: Alice Absent." 	<pre> nat@wren:~/Cases/db/fake-db\$./db Database: enter 'x' to exit Enter operator> i Enter operator> f Enter student's Sno: 1 1: student 1 absent Enter operator> m Enter Sno: 1 Enter Name: Alice Enter Attendance: 1 Enter operator> f Enter student's Sno: 1 1: Alice present Enter operator> x nat@wren:~/Cases/db/fake-db\$ </pre>
7	7	As a teacher, I want to delete a student's record, so I can drop a student from the class.	Enter 'd' when prompted for a command. You will be prompted for the student's serial number. You will then be prompted to enter serial number, name, and attendance with the current values.	<ol style="list-style-type: none"> 1. Start the program. 2. See "Database (enter 'x' to exit)" and "Enter Command" on the next line. 3. Enter 'i' 4. Enter 'f' 5. See "Enter Student's Sno: ". 6. Enter 1. 7. See "1: student 1 present" 8. Enter 'd' 9. See "Enter Student's Sno: ". 10. Enter 1. 11. Enter 'f' 12. See "Enter Student's Sno: ". 13. Enter 1 14. See "Student 1 not found". 	<pre> nat@wren:~/Cases/db/fake-db\$./db Database: enter 'x' to exit Enter operator> i Enter operator> f Enter student's Sno: 1 1: student 1 absent Enter operator> d Enter student's Sno: 1 Enter operator> f Enter student's Sno: 1 Student 1 not found Enter operator> x nat@wren:~/Cases/db/fake-db\$ </pre>

