## 

| State | User Interface | Database Manager | Local Storage | Database |
| --- | --- | --- | --- | --- |
| #1 | 1. User Modifies a Journal Entry |  |  |  |
| #2 |  | Write Record to Tempfile in Storage |  |  |
| #3 | User Closes the app or Saves the entry |  |  |  |
| #4 |  | Check to see if the Tempfile exists |  |  |
| #5 |  |  | Return Tempfile |  |
| #6 |  | Read and Parse Tempfile |  |  |
| #7 |  | Check if Record ID Exists in Database |  |  |
| #8a |  |  |  | Return Record ID if it exists |
| #9a |  | Update Record in Database |  |  |
| #8b |  |  |  | Return none if Record doesn’t exist |
| #9b |  | Write new record to Database |  |  |
| #10 |  | Delete Tempfile from Local Storage |  |  |

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