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| Requirement #: 1 | Requirement Type: Functional | Priority: 1 |
| Description: Start Recording. The program will be able to start recording audio | | |
| Rationale: | | |
| Source: Client | | |
| Fit Criterion: The program will detect audio sounds | | |
| Dependencies: none | | |

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| Requirement #: 2 | Requirement Type: Functional | Priority: 2 |
| Description: Pause Recording. The recording will be paused by clicking the “pause” button. | | |
| Rationale: | | |
| Source: Client | | |
| Fit Criterion: | | |
| Dependencies: 1 | | |

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| --- | --- | --- |
| Requirement #: 3 | Requirement Type: Functional | Priority: 1 |
| Description: Stop Recording. The recording will be stopped by clicking the “stop” button. | | |
| Rationale: | | |
| Source: Client | | |
| Fit Criterion: | | |
| Dependencies: 1 | | |

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| --- | --- | --- |
| Requirement #: 4 | Requirement Type: Functional | Priority: 1 |
| Description: Save Recording. The recording will be saved by clicking the “save” button. | | |
| Rationale: | | |
| Source: Client | | |
| Fit Criterion: | | |
| Dependencies: 3 | | |

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| Requirement #: 5 | Requirement Type: Functional | Priority: 2 |
| Description: Delete Recording. The recording will be deleted by clicking the “delete” button. | | |
| Rationale: | | |
| Source: Client | | |
| Fit Criterion: | | |
| Dependencies: 4, 6 | | |

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| Requirement #: 6 | Requirement Type: Functional | Priority: 1 |
| Description: View Recording. The program will be able to show all the existing records and the information of each record, includes the size, length, format and quality | | |
| Rationale: | | |
| Source: Client | | |
| Fit Criterion: | | |
| Dependencies: none | | |

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| Requirement #: 7 | Requirement Type: Functional | Priority: 1 |
| Description: Play Recording. The program will be able to play recording audio. | | |
| Rationale: | | |
| Source: Client | | |
| Fit Criterion: | | |
| Dependencies: 6 | | |

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| Requirement #: 8 | Requirement Type: Functional | Priority: 2 |
| Description: Pause. The program will be temporary stopping if the user click the “pause” button. | | |
| Rationale: | | |
| Source: Client | | |
| Fit Criterion: | | |
| Dependencies: 7 | | |

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| Requirement #: 9 | Requirement Type: Functional | Priority: 1 |
| Description: Stop. The program will stop recording if the user click the “stop” button. | | |
| Rationale: | | |
| Source: Client | | |
| Fit Criterion: | | |
| Dependencies: 7 | | |

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| Requirement #: 10 | Requirement Type: Functional | Priority: 2 |
| Description: Rename Recording. The program will be able to rename the record file. | | |
| Rationale: | | |
| Source: Client | | |
| Fit Criterion: | | |
| Dependencies: 6 | | |

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| Requirement #: 11 | Requirement Type: Functional | Priority: 2 |
| Description: Share Recording. The system will be able to share recordings to social media such as Google Plus | | |
| Rationale: | | |
| Source: Client | | |
| Fit Criterion: | | |
| Dependencies: 6 | | |

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| Requirement #: 12 | Requirement Type: Functional | Priority: 3 |
| Description: Restore Recordings: The system will be able to download recordings from the cloud which have been backed up. | | |
| Rationale: | | |
| Source: Client | | |
| Fit Criterion: | | |
| Dependencies: 13 | | |

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| Requirement #: 13 | Requirement Type: Functional | Priority: 3 |
| Description: Backup Recordings. The system will be able to upload (back up) files to the cloud which can be restored at a later date | | |
| Rationale: | | |
| Source: Client | | |
| Fit Criterion: | | |
| Dependencies: 6 | | |

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| Requirement #: 14 | Requirement Type: Functional | Priority: 1 |
| Description: Open Settings. The user will be able to open a window from the main screen in which they will be able to change the settings. | | |
| Rationale: | | |
| Source: Client | | |
| Fit Criterion: | | |
| Dependencies: none | | |

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| Requirement #: 15 | Requirement Type: Functional | Priority: 2 |
| Description: Change Quality. The system will be able to change the quality of the audio recording, to be able to record in higher or lower quality. | | |
| Rationale: | | |
| Source: Client | | |
| Fit Criterion: | | |
| Dependencies: 14 | | |

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| Requirement #: 16 | Requirement Type: Functional | Priority: 2 |
| Description: Change Codec. The system will be able to change the codec of what the system will be able to record in. This will include MP4 and m4a | | |
| Rationale: | | |
| Source: Client | | |
| Fit Criterion: | | |
| Dependencies: 14 | | |

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| Requirement #: 17 | Requirement Type: Functional | Priority: |
| Description: Set Max Time: The system will be able to set a maximum recording time for the record, in which the recording will automatically stop after this time. | | |
| Rationale: | | |
| Source: Client | | |
| Fit Criterion: | | |
| Dependencies: 14 | | |