# Sprint 1 Backlog

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| No. | Task | Responsible person | Status | Estimate (hours) | Start date | End date |
| 1 | Design App Theme | Dat | Done | 3 | 09-Thg3 | 09-Thg3 |
| 2 | Code OCR API | Dat | Done | 36 | 15-Thg3 | 24-Thg3 |
| 3 | Crop Image | Dat | Done | 4 | 24-Thg3 | 27-Thg3 |
| 4 | Take full-scale Image | Dat | Done | 4 | 27-Thg3 | 30-Thg3 |
| 5 | Code Firebase Authentications | Truong | Done | 10 | 09-Thg3 | 14-Thg3 |
| 6 | Basic Login | Truong | Done | 5 | 15-Thg3 | 16-Thg3 |
| 7 | User Register | Truong | Done | 5 | 17-Thg3 | 18-Thg3 |
| 8 | Login Sessions | Truong | Done | 18 | 19-Thg3 | 27-Thg3 |
| 9 | Forgot password | Truong | Done | 5 | 28-Thg3 | 04-Thg4 |
| 10 | Code Translate API | Kha | Done | 30 | 14-Thg3 | 23-Thg3 |
| 11 | Spinner List selection | Kha | Done | 5 | 24-Thg3 | 25-Thg3 |
| 12 | Auto Detect Language | Kha | Done | 15 | 26-Thg3 | 31-Thg3 |
| 13 | Design Main page | Dat | Not done | 10 | 03-Thg4 | 05-Thg4 |
| 14 | Integrate into basic app | All member | Done | 5 | 05-Thg4 | 06-Thg4 |
| 15 | Update Project Plan | All member | Done | 2 | 09-Thg3 | 09-Thg3 |
| 16 | Update Product Backlog | Long | Done | 45 | 14-Thg3 | 04-Thg4 |
| 17 | Update Sprint Backlog | Kha | Done | 4 | 01-Thg4 | 06-Thg4 |
| 18 | Create Database Design | Trường | Done | 8 | 10-Thg3 | 13-Thg3 |

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| Kha | Dat | Truong | Long |
| 61 | 64 | 58 | 52 |

# Sprint 1 Effort

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Milestone | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 | Day 7 | Day 8 | Day 9 | Day 10 | Day 11 | Day 12 |
| Estimated Time (hours) | 256 | 243,2 | 230,4 | 217,6 | 204,8 | 192 | 179,2 | 166,4 | 153,6 | 140,8 | 128 | 115,2 |
| Actual Time Remaining(Hours) | 256 | 230 | 222 | 217 | 205 | 193 | 178 | 166 | 151 | 139 | 127 | 120 |
| Actual Time(Hours) |  | 26 | 8 | 5 | 12 | 12 | 15 | 12 | 15 | 12 | 12 | 7 |

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| Milestone | Day 13 | Day 14 | Day 15 | Day 16 | Day 17 | Day 18 | Day 19 | Day 20 | Day 21 |
| Estimated Time (hours) | 102,4 | 89,6 | 76,8 | 64 | 51,2 | 38,4 | 25,6 | 12,8 | 0 |
| Actual Time Remaining(Hours) | 110 | 100 | 88 | 78 | 69 | 58 | 46 | 36 | 29 |
| Actual Time(Hours) | 10 | 10 | 12 | 10 | 9 | 11 | 12 | 10 | 7 |

# Sprint 2 Backlog

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| No. | Task | Responsible person | Status | Estimate (hours) | Start date | End date |
| 1 | Search Image | Dat | Not done | 16 | 07-Thg4 | 13-Thg4 |
| 2 | Data Collection | Truong | Done | 8 | 07-Thg4 | 11-Thg4 |
| 3 | Auto-Translate | Kha | Not done | 14 | 07-Thg4 | 13-Thg4 |
| 4 | Update Integrated App | All member | Done | 5 | 07-Thg4 | 08-Thg4 |
| 5 | Update Architecture Document | Long | Done | 5 | 07-Thg4 | 09-Thg4 |
| 6 | Update Database Design | Truong | Done | 2 | 12-Thg4 | 13-Thg4 |
| 7 | Update User Interface Design | Long | Done | 15 | 08-Thg4 | 12-Thg4 |
| 8 | Update Sprint Backlog | Kha | Done | 5 | 12-Thg4 | 14-Thg4 |
| 9 | Text to Speech API | Kha | Done | 13 | 15-Thg4 | 21-Thg4 |
| 10 | Speech to Text API | Long | Not done | 5 | 12-Thg4 | 13-Thg4 |
| 11 | Setup character limit | Kha | Done | 5 | 20-Thg4 | 22-Thg4 |
| 12 | Dictionary API | Kha | Done | 17 | 23-Thg4 | 04-Thg5 |
| 13 | Save used languages | Dat | Done | 3 | 14-Thg4 | 17-Thg4 |
| 14 | Spell checker API | Dat | Done | 20 | 18-Thg4 | 26-Thg4 |
| 15 | Update Main page design | Dat | Done | 12 | 27-Thg4 | 01-Thg4 |
| 16 | Search text result | Dat | Done | 2 | 01-Thg5 | 02-Thg5 |
| 17 | Design “Image to text” page | Dat | Done | 8 | 02-Thg4 | 05-Thg4 |
| 18 | Translation History | Truong | Done | 40 | 13-Thg4 | 02-Thg5 |
| 19 | Change password | Truong | Done | 5 | 03-Thg4 | 04-Thg5 |
| 20 | Design Login/Forgot password/Register page | Long | Done | 13 | 13-Thg4 | 18-Thg4 |
| 21 | Design menu in main page | Long | Done | 22 | 19-Thg4 | 27-Thg4 |
| 22 | Design change password | Long | Done | 2 | 28-Thg4 | 04-Thg5 |

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| Kha | Dat | Long | Truong |
| 59 | 66 | 62 | 60 |

# Sprint 2 Effort

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Milestone | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 | Day 7 | Day 8 | Day 9 | Day 10 | Day 11 | Day 12 | Day 13 |
| Estimated Time (hours) | 256 | 243,2 | 230,4 | 217,6 | 204,8 | 192 | 179,2 | 166,4 | 153,6 | 140,8 | 128 | 115,2 | 102,4 |
| Actual Time Remaining(Hours) | 256 | 239 | 224 | 206 | 203 | 186 | 170 | 155 | 144 | 137 | 125 | 114 | 103 |
| Actual Time(Hours) |  | 17 | 15 | 18 | 3 | 17 | 16 | 15 | 11 | 7 | 12 | 11 | 11 |

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| --- | --- | --- | --- | --- | --- | --- |
| Milestone | Day 16 | Day 17 | Day 18 | Day 19 | Day 20 | Day 21 |
| Estimated Time (hours) | 64 | 51,2 | 38,4 | 25,6 | 12,8 | 0 |
| Actual Time Remaining(Hours) | 72 | 60 | 48 | 35 | 24 | 17 |
| Actual Time(Hours) | 5 | 12 | 12 | 13 | 11 | 7 |

# Sprint 3 Backlog

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Task | Responsible person | Status | Estimate (hours) | Actual(Hours) | Start date | End date |
| 1 | Bookmark | Truong | Done | 10 | 3,125 | 10-Thg5 | 12-Thg5 |
| 2 | View/Edit user information | Truong | Done | 1 | 0,3125 | 12-Thg5 | 15-Thg5 |
| 3 | Swap languages | Dat | Done | 3 | 0,9375 | 10-Thg5 | 11-Thg5 |
| 4 | Copy translated text | Dat | Done | 1 | 0,3125 | 11-Thg5 | 11-Thg5 |
| 5 | Search Image | Dat | Not done | 7 | 2,1875 | 12-Thg5 | 13-Thg5 |
| 6 | Text Change Activity | Kha | Not done | 4 | 1,25 | 10-Thg5 | 11-Thg5 |
| 7 | Speech to Text API | Long | Not done | 7 | 2,1875 | 10-Thg5 | 12-Thg5 |
| 8 | Fix Bugs/Error | All member | Done | 15 | 4,6875 | 13-Thg5 | 19-Thg5 |
| 9 | Update Test Case | All member | Done | 5 | 1,5625 | 19-Thg5 | 22-Thg5 |
| 10 | Update User Story | All member | Done | 7 | 2,1875 | 22-Thg5 | 23-Thg5 |
| 11 | Update Integrated App | All member | Done | 5 | 1,5625 | 23-Thg5 | 25-Thg5 |
| 12 | Sprint meeting | All member | Done | 1 | 0,3125 | 25-Thg5 | 25-Thg5 |
| 13 | Sprint Retrospective | All member | Done | 1 | 0,3125 | 25-Thg5 | 26-Thg5 |
| 14 | Wrapping up app project | All member | Done | 1 | 0,3125 | 27-Thg5 | 28-Thg5 |
| 15 | Update and Finalize Sprint Backlog | Kha | Done | 4 | 1,25 | 29-Thg5 | 30-Thg5 |

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| Dat | Kha | Truong | Long |
| 46 | 43 | 46 | 42 |

# Sprint 3 Effort

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Milestone | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 | Day 7 | Day 8 | Day 9 | Day 10 | Day 11 | Day 12 | Day 13 | Day 14 |
| Estimated Time (hours) | 156 | 144 | 132 | 120 | 108 | 96 | 84 | 72 | 60 | 48 | 36 | 24 | 12 | 0 |
| Actual Time Remaining(Hours) | 156 | 146 | 134 | 121 | 116 | 107 | 97 | 84 | 75 | 62 | 50 | 40 | 26 | 16 |
| Actual Time(Hours) |  | 10 | 12 | 13 | 5 | 9 | 10 | 13 | 9 | 13 | 12 | 10 | 14 | 10 |