PROJECT WEEKLY REPORT

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| PROJECT NAME | PROJECT MENTOR |
| Improving Text Extraction Accuracy through Image Preprocessing  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO | Dr. Sridevi Tumula |

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| BATCH NO. | BE2102-07  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO |
| TEAM MEMBERS |  |
| Komali Beeram | 1601 18 733 067 |
| Soumya Vemuri | 1601 18 733 081 |

EXECUTIVE SUMMARY

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| WEEK NO. | TIMELINE REPORT DATE | |
| Week - 2  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO | 5th September, 2021 – 11th September, 2021  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO | 12th September, 2021 |
| TASKS ACHIEVED | | |
| * Gathered research papers related to Image Pre-processing   NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO   * Wrote abstract which describes the problem statement and the motivation behind us choosing the project   NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO | | |

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| PROJECT DOCUMENT REPOSITORY |
| * Reference Papers for Text Extraction   NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO   * <https://sci-hub.se/10.1109/ICCCNT49239.2020.9225564> * <https://sci-hub.se/10.1109/ICCCNT49239.2020.9225417> * <https://www.ijert.org/research/text-recognition-from-images-a-study-IJERTCONV8IS13029.pdf> * <https://iopscience.iop.org/article/10.1088/1742-6596/1973/1/012008/pdf> * <https://sci-hub.se/10.1109/ICIRCA48905.2020.9183326> * <https://stacks.stanford.edu/file/druid:cg133bt2261/Zhang_Zhang_Li_Event_info_extraction_from_mobile_camera_images.pdf> * Reference Papers for Image Pre-processing   NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO   * <https://www.ijsdr.org/papers/IJSDR2009078.pdf> * <https://www.ijitee.org/wp-content/uploads/papers/v9i7/G5745059720.pdf> * <https://www.researchgate.net/publication/341155551_Improving_the_Accuracy_of_Tesseract_40_OCR_Engine_Using_Convolution-Based_Preprocessing> * <https://poseidon01.ssrn.com/delivery.php?ID=872119091124113027019111004127083087049073070064025021111113076102071090101119124000120032062006006027002112107096097067031010000029026049019125068083027093083021124018052042066096003065107122064077027002117079080125125103075111098081126122064112082104&EXT=pdf&INDEX=TRUE> * Abstract   NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO   * [Abstract.docx](https://docs.google.com/document/d/1DcNm1TJNLLRNUWtjZSRavMKOgGfsoQbm/edit?usp=sharing&ouid=115157795991505260620&rtpof=true&sd=true)   NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO |

UPCOMING TASKS

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| **TASKS** | **TARGET WEEK** |
| Complete Presentation | Week 3 |
| Analyze Research Papers | Week 3 |
| Finalize Base Paper and get approval | *By Week 4* |

ADDITIONAL INFORMATION

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| * Dedicated approximately 5 hours this week towards research on topic   NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO   * Began to work on our presentation for review 1   NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO |

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| **APPROVED BY** | **SIGNATURE** | **DATE** |
| Dr. Sridevi Tumula, Associate Professor |  |  |