**Capstone Weekly Project Summary**

Keep your total weekly project summary to a single double-sided printed page.

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| Week 1 | Project Status: N/A (initial meeting) |
| Tasks Completed/New Functionality | * Research different machine learning implementations and choose one that works well for object recognition * Set up initial repository |
| Comments |  |

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| Week 2 | Project Status: red |
| Tasks Completed/New Functionality | * Researched several machine learning algorithms that could be used for classification including Naïve Bayes, K-nearest Neighbor, neural networks * I will be using either Naïve Bayes or K-nearest Neighbor |
| Comments | I did not start working on my project until Monday this week so I did not get any coding done |

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| Week 3 | Project Status: |
| Tasks Completed/New Functionality | * Implemented a K-nearest Neighbor classifier that classifies solid color images based on training data * Researched edge detection algorithms * I will be implementing Canny edge detection algorithm |
| Comments |  |

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| Week 4 | Project Status: |
| Tasks Completed/New Functionality |  |
| Comments |  |

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| Week 5 | Project Status: |
| Tasks Completed/New Functionality |  |
| Comments |  |

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| Week 6 | Project Status: |
| Tasks Completed/New Functionality |  |
| Comments |  |

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| Week 7 | Project Status: |
| Tasks Completed/New Functionality |  |
| Comments |  |

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| Week 8 | Project Status: |
| Tasks Completed/New Functionality |  |
| Comments |  |

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| Week 9 | Project Status: |
| Tasks Completed/New Functionality |  |
| Comments |  |

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| Week 10 | Project Status: N/A (presentation week) |
| Tasks Completed/New Functionality |  |
| Comments |  |