**WEEKLY REPORT and MEETING AGENDA**

Report #: 6 Project Name: 2N1

Date: 04/6/2023 Prepared by: Aniruddha Srinivasan

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| Agenda for the weekly meeting |
| 3-30 Quick Post Presentation update (Whole Group)   * Update group on individual progress * Fabianna shares front end priorities   + Update look and feel to Material UI   + Be able to click on timestamp to jump to video location * Front end team agrees to meet with Walmart team * Frontend and Backend team agree to meet Saturday * ML team discusses bugs in video   + Bounding boxes can be jittery when moving object is close to stationary object   + Bounding boxes can be jittery in different videos |
| Accomplishments during this period |
| * Presentation and report for CDR was completed * Front end:   + Table was cleaned up   + Filtering options work without hardcoding   + Material UI was adopted   + Able to jump to video timestamp by clicking on timestamp * ML   + Finished implementation of movement threshold   + Code to fix flaws in bounding boxes added   + Parked cars were detected (stopped for 30 seconds) * Backend   + MongoDB Atlas was setup   + Debugging of errors with connection to frontend (node modules) * Multiple meetings with Frontend Developers, Backend and client team, set up regular future meetings |
| Plans for next period |
| 1. Front End and Backend teams will meet to unify work and implement Fastify 2. Front End Team will further improve functionality and look/feel of the website 3. Backend team will tell ML team what format the data is need in 4. Find solutions to jittery bounding box problems |
| Project management status |
| 1. Spencer moved to Frontend 2. Initial state of ML is close to being done, will need to meet with Andrew to prioritize   feature updates.   1. Connection between frontend and backend to be further established |

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| Minutes from previous meeting |
| 4-5 Meeting with Walmart (Backend)   * Discussion of how to implement Backend Frontend connection * Best solution was to use Fastify to access MongoDB Atlas   3-23 Weekly Meeting 9:00AM Zoom (Whole Group)   * Discussed Progress and plans * Reprioritize scope, objectives and goals for final deliverable and progress update * Scheduled practice meeting for CDR Presentation meeting * Follow up on CDR report/presentations   + Ani – Updated validation and testing procedures   + Coleman – Updated Implementation schedule and Updated division of labor and responsibilities.   + Fabi – Introduction   + Spencer & Tyler – System Specifications   + Everyone – module-wise specifications   3-23 Meeting with Frontend team at Walmart (Zoom 4:30PM)   * Front End   + Advice on implementing Material UI   + Style needs updating but function takes priority * ML   + Discussed how speed calculation could potentially be implemented * Database   + Discussed tech stack for potential live implementation |
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