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| **Sprint Plan** | | | |
| Team Members: | * Nathan * Sangay * YT * Bianca | Team Leader: | * Nathan |
| Date: | * 06/11/24 |
| Team Goal(s): | * Implement push notifications & alerts (local settings)   + Daily AFDRS alert service   + New news article alert service   + New event scheduling alert service   + Harvest & Vehicle Movement Ban alert service * Ensure that local settings are working as intended * Set up remote media storage * Write tests for the project & ensure they pass * Implement documentation and constistant naming conventions * Start merging branches back into main * Start implementing final styling choices in UI & UX. * Meeting with stakeholder to solidify expectations from both ends.   + Harvest movement bans framework and permissions * Remove (and reset) public facing API keys. * \*\*optional: Set up GitHub Workflow for final merge   + Automatic Testing on merge, * Conduct group breifing & stakeholder meeting   Group Breifing (requirements)   * **What?**   + Make note on whats required to complete the project     - Initial implementation (before legislation update)   + Brainstorm *\****\*if** we change scope, what changes are needed to get a general overview of our final product.   + Draft **two** possible solutions to the new PRIS legislation, and prepare to meet with stakeholders     - **Solution-#1**: *initial plan, including estimated delivery time, overview, user & staff workflows. Possible completion without impacting key requirements.*     - **Solution-#2**: *updated plan, redact functionality & features that require authentication, signup, and data distribution / collection (in line with PRIS framework.)*     - Organise a meeting with **all** stakeholders  ***-- Note:*** *Time constraints with scheduling and implementing any changes / fixes.*   Stakeholder Meeting (agenda)   * **Who?**   + Whole Team   + Aarron   + Scott   + Melinda   + Jodie * **What?**    + Discuss where we are at with the project *\*\* subject to change (PRIS)*   + Understand the restrictions with the new PRIS legislation   ***\*\*Optional (group vote)***   * Propose solution - #1:   + Bank id verification on registration   + Explain the features left to implent   + User roles & verification features   + Excel importer / exporter       - *populate data into Firestore*     - *\*\*Working from within the dashboard*      * Propose solution - #2   + Remove registration, authentication, account roles  \*\*(minus General Admin & FireCoordinator roles)   + Ristrict the General Admin dashboard to just News & Event management.   + Leave Fire Coordinator role open to Harvest Vehicle ban dashboard \*\*   + Remove rates & payment related databases, pages, functions and access throughout. * **Conclude Meeting** * Ensure that everyone is on board with the final stages of development before comencing with final changes & merge. * Revise current strategy under stakeholders feedback, requirements and suggestions. | | |
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| Team Member | Task | KPI | |
| Nathan | 1. Setup GitHub automated workflows for testing and dependencies (CI/CD). 2. Review, merge and refactor PRs 3. Implement AFDRS / Harvest & Vehicle Movement alerts 4. Assist team in writing tests and documentation 5. Performance and optimisation refactoring | 1. CI/CD pipeline implemented 2. Zero merge failures and consistant file / naming conventions. 3. Alerts implemented, tested and passed compliency checks. 4. Contribute to ~25% of documentation and testing 5. Improve the load and response time throughout the project. | |
| Sangay | 1. Implement local News and Event push notifications.      1. Lead team pre-briefing session, taking minutes on group descussions.      1. Schedule in meeting with all key stakeholders to discuss our final delivery. 2. Assist team in writing tests and documentation. | 1. Devices with push news and eveent notifications enabled locally recieve push notifications when items are created in Firebase. 2. 100% of team members attend the meeting, the team agrees on meeting agenda and all discissions are clearly documented. 3. Meeting is scheduled in, and agenda items are clearly documented for discussion. 4. Contribute to ~25% of documentation and testing | |
| YT | 1. Conduct a security audit for access controls (aka. user roles) 2. Functional testing against different use case scenarios. 3. Implement guestures for navigating application. 4. Assist team in writing tests and documentation 5. Take screenshots for group registration \*\*(send to Nathan to finalise group submission) | 1. Security audit returns all tests successful. 2. Application functions as intended. 3. Guestures work as intended without impacting performance 4. Contribute to ~25% of documentation and testing. 5. We submit our registration for the grad show. | |
| Bianca | 1. Set up remote media server connection and implement cloud storage. 2. Remove any publicaly visible API key from the repository. 3. Re-generate API keys and update “GitHub Secrets” variables to implement whenever a function requires remote access to a service. 4. Create Fire Coordinator User role with access control methodologies. 5. Build the Harvest & Vehicle Movement Ban scheduling page in the admin dashboard. | 1. Media storage operational and implemented where required 2. All visible API keys have been removed from the project. 3. New API keys have been generated and all remote services are funtional. 4. Fire Coordinator User role is uniquely given extra level permissions in the admin dashboard. 5. Page is fully functional, permissions are handled and scheduled alerts notify all users subscribed to the Harvest & Vehicle Movement Ban alerts. | |
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| Contingencies: | 1. **If PRIS legislation requires major changes**:    1. Prioritize Solution #2 implementation    2. Reassign team members to focus on core features    3. Schedule additional stakeholder meeting 2. **If technical challenges arise:** 3. Daily stand-ups to address blockers 4. Pair programming sessions as needed 5. Documentation of workarounds/solutions 6. **If stakeholder meeting delayed:** 7. Continue with Solution #2 preparation 8. Document all questions/concerns 9. Create detailed pros/cons analysis | | |