A screenshot of a video game

AI-generated content may be incorrect.Work with Chris – he does where stuff is/should be + how long it’s been there (his *red zone* idea) – I do the condition + work orders + analytics *+ future improvements/currently unusable*. **All in one place.**

Thinking village game with *ruins*.

Tags with unique qr codes

Requirements

* Simple + fast to create/adjust
* All in one place
* Accessed by everyone
  + Admin login for analytics
  + *Free* login
* Preventative
* Cost
  + Hours
  + Money
  + Downtime losses

Info needed

|  |  |
| --- | --- |
| What is used now?  Who uses it? |  |
| What info is used now? |  |
| Where is it stored? |  |
| Who does the maintenance? |  |
| Who reports? |  |
| Past example |  |
| Catalogue equipment  *inc. pipes etc.* |  |
| Stuart – facilities |  |
| Chris |  |

Qs for current system

|  |  |
| --- | --- |
| How to know which code is what equipment |  |
| Current catalogue? |  |
| Who has access? | Only facilities? |
| Why do you want an improvement? | There is no communication with facilities |
| Could have a shared excel accessible by qr code. (-) does not have specific access |  |
| Inspection + observation – who? |  |
| How often? |  |
| How are forms filled? (e.g. paper) |  |
| Verified by? (always same person?) |  |
| How do they decide what to include? |  |
| Who regularly checks the log? |  |
| Where are the inspection/observation forms stored? | [Inspection](https://hwbelfast.sharepoint.com/sites/HSEBelfast/Shared%20Documents/Forms/AllItems.aspx?id=%2Fsites%2FHSEBelfast%2FShared%20Documents%2FGeneral%2FSR%20Improvement%20Log%20and%20Inspections%2FInspections&viewid=8c24030f%2D6283%2D43a6%2Db553%2D2ba4877cebad&FolderCTID=0x01200094739B349711D848B7E6D3739926782F) Observation |
|  |  |

Proposed

|  |  |
| --- | --- |
| Operations/anyone reports  Supervisor sets priority. | Includes image + description + if makes unsafe |
| Adds job with detail to global | Facilities + Project manager + Operations can view Facilities adds how long /+ what they need. |
| Job completed | Facilities mark as completed |
| Added to analytics with time taken v time allotted. | In future with lots of data can predict how long stuff takes (complex machine learning) |

* Visual
* Simple to add

|  |  |  |
| --- | --- | --- |
| Todo | Why | Result |
| Bill | Who does it email when new defect reported |  |
|  | Which group has access? Right now I only have Harland and Wolff Belfast group |  |
|  | Have to be signed in to use the form – otherwise no picture – will ask IT if this can be changed |  |
| Talk to Stuart in facilities | Find out the current system for dealing with defects | There is no official |
| Talk to Chris in Operations | To find out how defects get reported/to facilities | By speaking, or the HSE log |
| Talk to IT about what I can use – IFS? | Find out what I am allowed to add/use |  |
| IT |  |  |
|  | An existing SQL? Request changes or have access to add data and a user? |  |
|  | Existing hosting infrastructure? Windows or linux? |  |
|  | Do we already have a Postgres instance we can use?  If so, what’s the host, port, database name, user and password?  If not, would you rather spin up a Docker/VM-based Postgres or subscribe to a managed cloud offering? |  |
| Project |  |  |
| Talk to Appledore | Found evidence they implemented something |  |
|  |  |  |

|  |
| --- |
| Ideal full cover features |
|  **Incident & Corrective-Action Tracking**   * Capture incidents, observations, corrective actions * Link incidents directly to maintenance records    **Defect & Work-Order Management**   * Work-order-centric defect capture with SLA tracking per customer * Notification → Order → Confirmation workflows * Root-cause taxonomy and recurrence-prevention loops    **Performance Monitoring & Analytics**   * Baseline vs. actual comparisons * KPI dashboards for leading and lagging indicators    **Customer & Asset Master Data**   * Customer/Vendor master records with service history * Simple asset registry with hierarchies and lifecycle/health scoring * Visual floor-plan asset mapping    **5S & Workspace Organization**   * 5S/Kanban dashboards and audit checklists * 5S audit forms and non-conformance workflows * Mobile scan-to-inspect capability    **Task & Follow-Up Automation**   * Task reminders and automated follow-up workflows * Email integration for follow-ups    **UI & Deployment Characteristics**   * Intuitive, modern, mobile-first UI (role-based dashboards) * Rapid stand-up without heavyweight infrastructure * Should balance best-in-class capabilities (“Best”) with manageable complexity (“complex” vs. “limited”) |
| A screenshot of a computer  AI-generated content may be incorrect. |