**Summary of Assignment tasks**

* Check Out User acceptance test(UAT) in part two
* Mandatory demonstration (extra marks)
* Set up Kanban – evidence of two sprint cycles (4 screenshots of Kanban boards).
* Include sprint plan and review i.e. ‘Sprint Plan 1’, add details, images for transparency
* At the end of cycle, record current state of work (label as ‘Sprint review 1, 2’ etc…’
* Set up Github repo
* Write a test plan before implementing features against expected results.
* Implement feature, then record test results (name of tester, date of test, actual results i.e. pass or fail)
* Write evaluation on prototype interface (500-100 words) included screen shots of aspects of interface. Take into consideration Nielsen’s 10 usability heuristics and WCAG(Web Content Accessibility Guidelines)- <https://herts.instructure.com/courses/77846/pages/l25-design-principles-ux-accessibility-and-nielsens?module_item_id=1439963>
* Discuss in the report strengths and further improvements to meet heuristic(s) or WGCAG constraints.
* Submit contribution form ‘GP3 Roles and Contributions’

**What prototype will we use?**

* Web-based protype
* Include zip of completed EasyPHP from its root (choose export tab)
* Include SQL file of database structure within phpMyAdmin from its root (choose export tab)

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| --- | --- | --- |
| 1 | Web-based-prototype | Marks |
| a) | Add new orchard | /2 |
| b) | 1. Add new apple variety [2 mark] 2. Add new tree [2 mark] 3. Associate a tree with its variety [4 marks] | /8 |
| c) | Associate a tree with the orchard the tree is planted in | /7 |
| d) | Amend the Orchard where a tree is planted | /4 |
| e) | Drill downs: search/filter the display of all varieties within a particular season | /3 |
| f) | Drill downs: search/filter the display of all trees in a particular orchard | /6 |
| g) | Advanced: choose some, but NOT all of the below to implement [check weightings]:   * Data reporting: display a view (via custom SQL) that shows the total retail price value for each variety of fruit produced by a tree, ranked in order of most to least value. Ensure the named fruit of each variety is displayed [5 marks] * System access rights: entry to interface via a login screen with restriction of pages in the navigation and/or functionality (such as read/write) for different users [10 marks] * Batch processing and restricting data: the ability to set an availability for particular varieties of tree via a custom form field box(es). This should restrict an ‘unavailable’ variety being possible to associate with a tree for planting [10 marks] * Other additional features chosen by you [10 marks] | /10 |
| 2 | Interface design and user experience of the prototype (web or wireframe) |  |
| a) | Choice of colour scheme, design and layout, including workflow, e.g. users can complete actions in one place and do not need to refer to other tables/pages for IDs | /15 |
| b) | Error and/or feedback messages that are meaningful after user actions | /5 |
| c) | User help, e.g. context-sensitive prompts (attracts higher marks) or generalised FAQ/user guide | /10 |
| 3 | Documentation |  |
| a) | Evidence of x2 sprints, each with a sprint plan and sprint review, using Kanban | /6 |
| b) | Short presentation during the demonstration evaluating project management & team work | /6 |
| c) | Evidence of testing: test plans and results | /10 |
| d) | Written evaluation of the prototype: 500-1000 words against Nielsen’s and WCAG | /8 |
|  | FINAL TOTAL | /100 |

For Demonstration

Need to create a presentation (5 slides) to include:

* Team membership, roles, and responsibilities
* Evaluation of system: what it does, what went well, what still has problems, what was not implemented.
* Overall analysis and reflection on team working: lessons learnt, what we did right/wrong, lessons in future

Everyone must be there or else marks cannot awarded to team members.