# HWA (Hobby) Deliverables Checklist (MVP)

## Codebase

* CRUD functionality following the Enterprise Architecture Model
* Sensible package structure (back-end) and folder structure (front-end)
* Adherence to best practice (e.g. OOP principles, SOLID, refactoring)

## Testing

* Unit testing for the project back-end
* Integration testing for the project front-end
* Test coverage of the **src/main/java folder,** aiming for **80%**

## Continuous Integration

* GitHub repository utilising the Feature-Branch Model (**master**/**dev**/**features**)
* The master branch must compile
* A **master** Jenkins pipeline job (for final builds)
* A **dev** Jenkins pipeline job (for development purposes)
* Code pushed to your personal SonarQube
* Code pushed to your trainer’s SonarQube
* A fat .jar deployed to your trainer’s Nexus

## Repository & Documentation

* A completed project management board, including user stories, acceptance criteria, and estimations with story points/MoSCoW
* A working .gitignore for ignoring build-generated files and folders
* A completed README.md explaining how to use your hobby system
* A completed risk assessment (utilising a matrix)
* An ERD and/or a UML diagram for your Minimum Viable Product
* A folder for your testing reports
* A copy of, or link to, your presentation

## Presentation Guideline (15 mins)

* **Introduction**: Who are you? How did you approach the specification?
* **Concept:** What hobby did you use and why?
* **Sprint plan:** What needed to be included? What did you hope to achieve?
* **Consultant Journey:** What technologies have you learned for the project?
* **CI:** How did you set up your CI pipeline and Git?
* **Testing**: Coverage, static analysis, red-green-refactor
* **Demonstration:** Run through a couple of user stories
* **Sprint review:** What did you complete? What got left behind?
* **Sprint retrospective:** What went well? What could be improved?
* **Conclusion:** Reflections on the project, future steps, any other relevant info
* **Questions:** Leave 5 minutes for questions at the end of the presentation
* Diagrams and/or screenshots used where appropriate