

# 2021 Final Year Project Definition Form

**Project Title:**

An improved taxonomy of low code Digitalisation projects (Project 3)

**Company details:**

DSV Global Transport and Logistics: <https://www.dsv.com/>

DSV Global Transport and Logistics South Africa: <https://www.za.dsv.com/>

DSV Global Transport and Logistics South Africa - Air & Sea Offices (where mentor is [currently based near OR Tambo Airport](#) moving to [DSV Office park \(Centurion\)](#) in April 2021, however remote meetings are encouraged during COVID epidemic).

**Company background:**

DSV Global Transport and Logistics is in the Top 5 companies globally providing 3<sup>rd</sup> Party logistics services. DSV has more than 40 000 employees across 80 countries with their head office being located in Denmark. Locally in South Africa DSV have more than 4000 employees and 30 engineers working for across 5 different divisions.

**Project description:**

Low-code digitalisation is a project domain that has dealt with 40+ requests and implemented 25+ projects over the last year within this in a local region of a large logistics company. A basic taxonomy has been built to manage and knowledge share these projects within it's local region. However a taxonomy of projects needs to be refined and summarised in a way that aids knowledge sharing, identifying gaps and suggesting ways forward in the Low-code digitalisation project domain. The aim of the project will be to develop an improved digitally summary taxonomy of RPA projects.

The project scope will entail:

- Literature review of Low-code digitalisation as a project domain.
- Review an possible further consolidation of current Low-code digitalisation database:
  - o Basic Project Info
  - o Inputs (Photos, data: text, date, lists)
  - o Outputs (Email, PDF, dashboard)
  - o Interactions (Submit, Review, Approve, Close-Out)
  - o Business Case (Save 3 hours every week etc.)
  - o Stakeholders (Operator, Imports Department Manager etc.)
- The end result of literature and project reviews should be a demonstration of an understanding and the initial phases of grouping factors to be considered in the taxonomy development.
- Develop, propose, and test a proof of concept refreshed look at a taxonomy of current Low-code digitalisation projects to a reasonable company employee audience.

Onboarding onto our Low-Code App development software which will enable the student to design for and recommend taxonomy changes to the existing Low-Code project platform.

**Industry mentorship:**

Industrial / Snr Logistics Engineer

**Industry mentor contact details:**

Ninett Hesse, Mrs

[Ninett.Hesse@za.dsv.com](mailto:Ninett.Hesse@za.dsv.com)

074-454-9999

[but email communication is preferred]

**Project topic application process:**

All applicants are to email to [Ninett.Hesse@za.dsv.com](mailto:Ninett.Hesse@za.dsv.com) by close of business day 5<sup>th</sup> of February 2021: a short CV, their academic transcripts as well as a cover letter indicating why they would be a good candidate for the particular project.

Applicants will be notified about project allocations on the 9<sup>th</sup> of February 2021.

**Any other relevant information:**

Students applying for DSV Project 1,2 and 3 must be willing and show aptitude to onboard onto our Low-Code App development software which will enable the student to design a conditional smart question and answer decision matrix tool. Allow a minimum of 20 hours for software development skill onboarding. Note previous students have successfully onboarded to our Low-Code App development software before, and we do have super users to assist, however it will be helpful if student has intuitive interest and aptitude for coding.

- The Student must address confidential information and ensure that deliverables do not contain any confidential, sensitive or proprietary information of the company. The following is potential actions must be applied:
  - o Making use of a fictitious name to represent the company, for example, referring to Company ABC.
  - o Withholding, excluding or adjusting important confidential or sensitive data, such as design drawings or financial information.
  - o Coding sensitive data, for example, by adding or subtracting a constant from all values.
  - o Requesting the Department not to publish the deliverables on UPSpace.