# IMPLEMENTATION AND MIGRATION PLAN
## SRV (STUDENT RESULTS VIEW)

## ITWORKS
### ADELAIDE, SA
### AUSTRALIA

## 10/05/2019

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**PURPOSE**

The purpose of this implementation and migration plan is to address the transition process of the SRV software to its operational environment within the TAFE Buddy System of TAFESA. At current stage the ITStudies section will be the only one affected, but the possibility of future extensions has been considered.

**DESCRIPTION OF IMPLEMENTATION**

The SRV Project (Student Result View) will be implemented in the ITStudies sector of TAFESA as part of the larger TAFE Buddy System.
It's main purpose will be to offer an overview of the accademic progress of a student in a qualification and once the requirements of the qualification will be met, to allow the user to request the production of a parchment.

This description will detail how the implementation will occur as a reference for all the stakeholders.

Once the UI and the code for the SRV will be completed and approved by the client, the application will access the provided database and will be tested using dummy data in substitution of the ones hardcoded during development.
Upon verification of the correct behaviour, if the testing results will be satisfactory, the SRV will be implemented in the TAFE Buddy System and will access the existing database with the real records.

The SRV will be at first distributed to the lecturers and the admin staff, to allow them to familiarise with the product with the help of the development team.
Once lecturers and admin will be ready to offer support and guidance to the students in the use of the product, the application will be finally made available to the students, thus marking the end of the implementation phase.

## POINTS OF CONTACT

The table below provides the relevant contact information of the people involved in the project.

| Name | Role | Contact Information |
|---|---|---|
| Dale Van Heer | Sponsor | (555) 555-1000 |
| Kym Bond | Project Manager | (555) 555-1111 |
| KT Lau | Requirements Lead | (555) 555-1112 |
| Santi Ruiz | Mobile Development Lead | (555) 555-1114 |
| Dale Van Heer(2) | Technical Lead | (555) 555-1332 |
| Ngo Nguyen | Lead Developer | (555) 555-1333 |
| Alessandro Ferro | Developer | (555) 555-1339 |
| Gonzalo Soto Canales | Developer | (555) 555-1340 |

## MAJOR TASKS

Within the scope of the SRV Project development, the following tasks have been identified. For each task there is indicated the team responsible for its completion.
The specific individual responsibiities are not specified in this document.

1. Complete SRV design: Team_NAG (ITWorks)
   This task includes all the work required to produce a detailed design of the UI (requirements gathering, prototyping, etc.)

2. Complete Development: Team_NAG (ITWorks)
   This phase refers to the development of the features and functionalities as requested by the client.

3. Complete Testing: Team_Nag (ITWorks)
   This task is comprehensive of the all the tests effectuated on the product during  each phase of development.

4. Complete Training: Team_NAG (ITWorks), TAFESA Staff
   The product is designed to be user friendly and intuitive to use. This task involves a short period of time to make sure that TAFESA staff get familiar with the SRV and is ready to train and support the students.

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5. Go Live: Team_NAG (ITWorks), IT Group (TAFESA)
This task refer to the official release of the SRV.

6. Operational acceptance: TAFESA end users.
The SRV will be monitored for a period of time to ensure that it behave and perform as expected in the work environment. This task will conclude with formal acceptance from TAFESA.

## IMPLEMENTATION SCHEDULE

| Task/Milestone | Expected Completion Date |
| --- | --- |
| Complete SRV Design | 19/04/2019 |
| Complete Coding | 15/08/2019 |
| Complete Testing | 01/09/2019 |
| Complete Training | 10/09/2019 |
| Launch | 15/09/2019 |
| Acceptance | 01/10.2019 |

## SECURITY

Access to the SRV will be subject to access to the TAFE Buddy System. The System will prompt the user to enter a user name and a password and will recognise the user as a student, a lecturer or an admin, thus giving access to different views.
Admin staff will have the highest privilege and will be able to add new admin staff.
The first admin will be inserted in the system manually.
No extra security misures are required ath this point.

## IMPLEMENTATION SUPPORT

The SRV will have an impact on everyone involved in the ITStudies Section of TAFESA, and some support will be required from all the stakeholders.

The project manager will support the development team, offering guidance, helping in the comletion of the tasks and failitating meetings and discussions.

The client will provide the requirements and continuous feedback in every stage of the development to ensure the product will comply with the requirements.

The end users will offer their perspectve and will help in defining the requirements.

Full project manger and client support is also expected for the training of the staff.

### LISTING OF HARDWARE, SOFTWARE, AND FACILITIES

- SRV requires a server to host a Nodejs application with a mySQL database.
- No hardware upgrades are required.
- The project will be completed within the existing facilities.
- The product is basically a website wrapped in a desktop application, so no major hardware, or software requirements are needed.

### PERFORMANCE MONITORING

The SRV aims to give students more control over their study path and staff members new tools to keep track and verify student's progress, providing functionalities for data entry, data retrieve and the production of documentation (such as parchments). This means that compared to the current system, there will be several differences.
Team_NAG, in collaboration with the TAFESA IT Group will monitor the performance of the SRV in its operational environment.
Addendum: When student graduate they will have the possibility to apply for a parchment directly from the SRV. This occurrence is cyclic in nature and will happen every few months. The monitoring team will have to track the SRV behaviour in those occurrences.

In case any issue should arise, or the performances are not cosidered up to expectations, ITWorks will provide all the support needed to identify the problem and find solutions.

### IMPLEMENTATION REQUIREMENTS

Hardware/Software:
SRV requires a server to host a Nodejs application with a mySQL database.
Computers
Windows 10
Mobile Phone.

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Personnel:
Team_NAG (ITWorks)
Management (ITWorks)
TAFESA IT Group.

Facilities:
SRV will operate on the existing facilities.

Facilities:
None – utilize existing facilities

Other Capital Investments:
None – utilize existing resources

## BACK OUT PLAN

The SRV will initially work just for the IT Sector of TAFESA. The system currently in use will still be operative.
In case of failure of the SRV, the previous system can effectuate all the core operations necessary to keep TAFESA running.

## POST IMPLEMENTATION VERIFICATION

Once the SRV will be operational, ITWorks will ensure that the product will operate  as expeceted for the three different categories of users.

## SPONSOR ACCEPTANCE

Approved by the Project Sponsor:

_____          Date: _____

<Project Sponsor>
<Project Sponsor Title>