



DIGITALIZATION OF A CELL CULTURE SERVICE

The application enables the planning of cell cultures and ensures the traceability of each associated action.

IN BRIEF

CHALLENGES

- ❖ Custom solution to ensure the traceability of a cell culture service
- ❖ Regulatory compliance

BENEFITS

- ❖ 40% reduction in human errors
- ❖ Regulatory compliance: traceability of every task and data security.
- ❖ Automated activity planning

CHALLENGE

Our client is looking to move away from manual methods in order to better plan its activities and bring the service into line with regulatory requirements: data security, integrity and traceability.

SOLUTION

The GxpManager application solution must ensure the traceability and integrity of data from the various processes of the cell culture service:

- ❖ Order listing management: the solution must be able to integrate with an external system managing cell requests.
- ❖ Stock management: Receipt, labeling, storage, and removal of cells with location management.
- ❖ Culture medium preparation: culture sheets, labeling, storage...
- ❖ Planning of cultures and all associated tasks using a retroplanning approach (based on a GANTT chart) so that cells are delivered in the right quantity, quality, and time: medium preparation, cell thawing, culture duration, passages..., each task must be planned and traced.

BENEFITS

- ❖ Regulatory compliance achieved for the cell culture service: traceability of all tasks, data security, and integrity ensured.
- ❖ An agile solution capable of adapting to changes in service, company, and regulations. The solution can also be configured for other services to digitalize other company business procedures.
- ❖ A 40% reduction in human errors, notably due to the automation of activity planning.
- ❖ A tailor-made solution delivered and qualified within 6 months.



BESPOKE APPLICATION

The No Code Low Code approach enables the rapid creation of applications without spending months on requirements gathering. Project management using agile sprint methodology fosters close collaboration between the consultant and the client.

ADVANTAGES of No Code Low Code:

- ❖ Reduced development timelines
- ❖ Cost savings
- ❖ High flexibility



Contact us !

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