IT Application Development Life Cycle

Project Request is submitted by functional office via an IT Work Request form. This form is sent via e-mail to it@olemiss.edu.

CIO approves/disapproves project with input from Senior IT managment and key functional offices. If the project requires new funds, then the CIO identifies funding sources.

Large-scale projects may require Executive Management Team involvement.

Is the project approved?

— Not Approved →

CIO / Senior IT management notifies requestor that their project was not approved.

Functional Office

— Approved —

IT and functional office / requestor develop and agree on written project requirements. The requestor signs off on the written requirements.

IT Developer / IT Project Team creates a detailed design document and project schedule/timeline with milestone dates. Senior IT management approves the design document and timeline.

More complex projects may require approval of the design/timeline by the CIO / Deputy CIO.

IT Developer / IT Project Team develops code, configures system(s), creates interface(s), etc. as needed for the project. This work takes place in development / test systems.

Weekly or bi-weekly project checkpoints are conducted to monitor project progress.

The application is tested internally within IT. Input is solicited from the appropriate IT support teams, such as the SAP Support Team, FTDC, IT Helpdesk, etc.

— Yes —

Is more development work required?

Project is ready for evaluation / final acceptance testing by the functional office.

— No —

Is more development work required?

— Yes

Designated support teams finalize all needed system / application documentation, plan the roll-out of the application, and conduct functional office training as needed. Additionally, both the developer and the support team work with the SAP Basis Team to establish the authorizations / user roles needed for the application.

The project is deployed to the appropriate production system(s). Users in the functional office(s) are notified that the application / system is ready for productive use.

NOTE: All project documents are stored in either the IT Projects application (projects.it.olemiss.edu) or in the Box cloud storage application. All coding is subject to standard SAP/ABAP/Java conventions and best practices as well as internal standards/guidelines for application development. In addition to meeting the project requirements, all application development must adhere to system performance standards to ensure the highest possible performance. All screens, messages, e-mails, etc. must be free of grammatical/spelling errors and must be reviewed as part of internal testing.