Schedule

09/06/2024 10:04 am EDT

General schedule

PI 20		PI 21		PI 22		PI 23	
Nov ✅	CMS ✅ Login ✅ Dashboard ✅	Feb	Assignments ↑	May	Launch Strategy Settings ↑ Notifications	Aug	Launch
Dec ✅	Login ✅ Class Materials ✅	Mar	Markbook ↑	Jun	Communications BE Integration ↑		
Jan ✅	Class Materials ✅ iRead ✅	Apr	Reports BE Integration ↑	Jul	Testing		

Detailed schedule

Week	Days	Activity
Week 1-2 Preparation and Configuration		Preparation of the testing environment.
		Definition of necessary variables for the application.
Week 3 Unit and Integration Testing		Execute automated unit tests, document, and correct any errors found.
		Execute integration tests to validate interaction between modules, document, and correct any errors found.
		Analysis of unit and integration test results, adjustments, and improvements based on the findings.
Week 4 System testing		Execute system tests to validate the complete functionality of the platform, document, and correct any errors found.
		Analysis of system test results, adjustments, and improvements based on the findings.
Week 5 Performance testing		Configuration of performance testing tools, definition of test scenarios.
		Perform load tests, monitor system performance.
		Analysis of performance test results and areas for improvement.
Week 6		Configuration of security testing tools, definition of test scenarios.

Safety testing		Execute penetration and vulnerability tests, document and correct vulnerabilities found.
		Analysis of security test results, implementation of additional security measures if necessary.
Week 7 User acceptance testing.		Setting up the environment for the user, selecting test cases based on user requirements.
		Key users execute test cases, document, and correct errors found.
		Analysis of results, final approval by users.
Week 8 Final review and preparation for deployment into production.		Final review of all test results, update of technical and user documentation.
		Implementation of final adjustments based on test results, optimization of performance and security.
		Planning and communication of the production deployment plan, final validation of the production environment.

Additional Considerations

- **Communication:**
    - Maintain constant communication with the development and testing teams to quickly resolve issues.
    - Hold meetings to review progress and obstacles.
- **Flexibility:**
    - The schedule is flexible to accommodate unforeseen events and new discoveries during testing.
- **Documentation:**
    - Document all findings, errors, and adjustments made during the testing process.