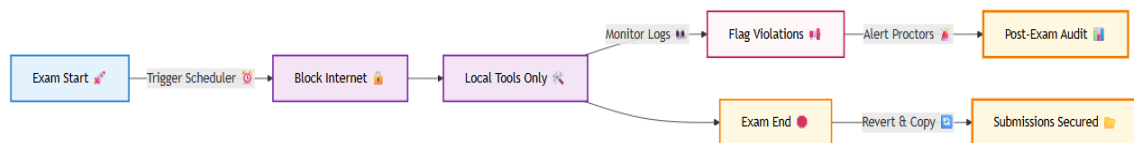


Virtual Blue Book Prototype for Academic Integrity

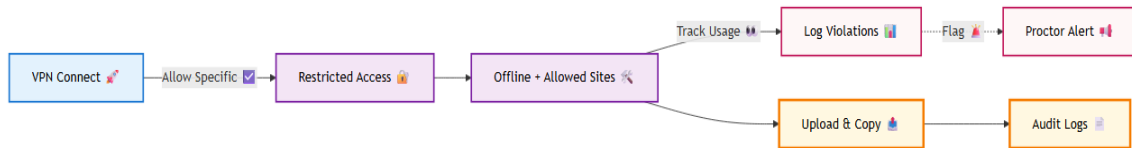
3. ****Automate Submissions**** ■: Post-revert, copy .sql files from local folders to SharePoint using PnP.PowerShell. 4. ****Integrate Monitoring**** ■: Log access attempts for audits, aligning with PDF measures like browser restrictions. 5. ****Test and Deploy**** ■: Pilot on ITS-PH212/208 computers, confirm offline Docker functionality. ### Sequence Diagram for Policy Switching

Workflow Diagram for Monitoring (Option 1A)



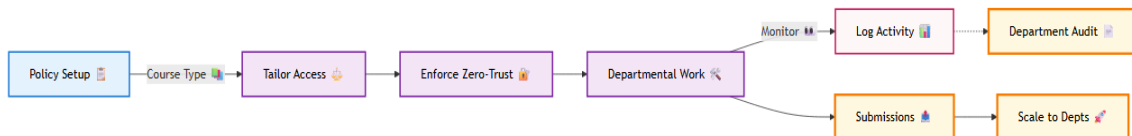
`` ****Comprehensive Explanation****: This sequence illustrates the timed orchestration of exam isolation. It starts with admin setup, triggers shutdown at exam commencement, maintains offline integrity with monitoring loops, handles potential violations via alternatives, and ends with reversion and secure submission. Actors include human (Admin) and system components, ensuring zero internet exposure while automating post-exam tasks for efficiency. ### Swimlane Diagram for Exam Workflow

Workflow Diagram for Monitoring in Hybrid (Option 1B)



````\*\*Comprehensive Explanation\*\*````: The swimlane groups phases into input (initial download), core (isolated work), and output (submission). Flows use color-coded lines for ingestion, processing, and output, emphasizing logical progression. This visualizes how shutdown prevents external access, with emojis adding pizzazz to node labels for quick comprehension. ### Workflow Diagram for Monitoring

### Workflow Diagram for Scalable Scaffolding (Option 1C)



3. **\*\*Monitor and Log\*\*** ■: Enable alerts for violations, integrate with PDF monitoring (e.g., file transfers). 4. **\*\*Handle Submissions\*\*** ■: Allow uploads during window, auto-copy post-revert. 5. **\*\*Test Integration\*\*** ■: Verify Docker offline, blocks on AI sites. **### Sequence Diagram for Access Control**

``` **\*\*Comprehensive Explanation\*\***: Enhanced with loops for ongoing monitoring and alternatives for outcomes, this sequence adds pizzazz through dynamic elements like blocked attempts. It traces from login to audit, involving key actors, and aligns with PDF's real-time logging for proactive integrity. **### Swimlane Diagram for Hybrid Workflow**

``` **\*\*Comprehensive Explanation\*\***: Swimlanes now have fully descriptive titles. The diagram groups authentication, restricted operations, and closure, with emojis for visual pop. Color-coded flows show how hybrid access balances functionality and security, preventing AI use while enabling necessary uploads. **### Workflow Diagram for Monitoring in Hybrid**

3. **\*\*Time-Bound Enforcement\*\*** ■: Scheduler triggers policies for exam window. 4. **\*\*Monitor and Audit\*\*** ■: Log for PDF-aligned tracking, with alerts. 5. **\*\*Deploy and Validate\*\*** ■: Test course-specific allows/blocks, ensure offline compatibility. **### Sequence Diagram for Course Tailoring**

``` **\*\*Comprehensive Explanation\*\***: With added loops and alternatives for monitoring and outcomes, this sequence brings dynamic pizzazz. It covers policy setup to submission, emphasizing tailoring for departments like STEM, and integrates PDF's privacy-compliant logging. **### Swimlane Diagram for Course-Specific Workflow**

``` **\*\*Comprehensive Explanation\*\***: Titles are now fully descriptive. The swimlane separates setup, enforcement, and closure, with emojis enhancing visual appeal. It demonstrates scalability, showing how extensions adapt to departmental tools. **### Workflow Diagram for Scalable Scaffolding**