RP’s E-Assessment system
Semester Assessment (SA) System

- **eDownload (Client-based)**
  - Installed in Students’ laptops
  - Automatically downloads SA Questions (SAQ) on student laptop before SA.

- **iKey (Client-based)**
  - Used by Staff to generate key for a class to unlock SAQ.

- **eQuest (Client-based)**
  - Used by Students to take SA.

- **eQuest (web-based)**
  - Used by MCs to craft SA questions.
  - Used by Invigilators to monitor student progress during SA.
  - Used by Assigned markers to mark students answers.
## Overview of SA Setup Activities

<table>
<thead>
<tr>
<th>Week</th>
<th>Activity</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wk-5</td>
<td>Upload SA time table</td>
<td>Pass attendance sheet, backup question paper to MC</td>
</tr>
<tr>
<td>Wk SA-4</td>
<td>Submit all data to OIS for backend preparation</td>
<td>Inform staff to proceed with pre-creation</td>
</tr>
<tr>
<td>Wk SA-3</td>
<td>Pre-create SA Sessions &amp; Question</td>
<td>Print offline attendance sheet, SA seed and backup question papers</td>
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<tr>
<td>Wk SA-2</td>
<td>Inform staff to proceed with pre-creation</td>
<td>Invigilator generates iKey to unlock SAQ</td>
</tr>
<tr>
<td>Wk SA-1</td>
<td>Pre-create SA Sessions &amp; Question</td>
<td>Proceed SA using iKey. SAQ will be deleted within 1 hour of SA end time</td>
</tr>
<tr>
<td>Wk SA</td>
<td>Pass attendance sheet, backup question paper, to MC</td>
<td>SAQ will be deleted within 1 hour of SA end time</td>
</tr>
</tbody>
</table>

**SAQ** is tied to **SA Time table** which consists of **SA start time, end time, venue, module and SA number.**

**It takes on average of about 4 to 6 weeks to do the entire SA setup.**
**eQuest Systems**

- Total of 12 servers used for LEO/eQuest.
- 3 servers (Leo-UT 11,12,13) are in DC1.
- 3 servers (Leo-UT 21,22,23) are in DC2.
- Backup servers (Leo-UT 31-36) are in DR.
How SA system can fail

For the system to function properly, the software, hardware and process should work hand in hand and be updated with latest patches.
Thank You