**Goal:** have abstraction that works with any exam driver

**Key questions:**

* How to convert button/scroll bar input to expected input (keyboard/mouse input)
* Can we access an existing driver
* What differences exist between different vendor drivers
* What are the requirements for a test driver
* Would the exam come from a testing vendor or would it come from a school or both
* Follow up with Rachel on her meeting

**Existing software/ exam companies**

* Most of the following companies provide services to develop test content for you or to convert your test to work with their system
* No obvious test drivers, probably would need to contact directly (not sure they would provide that kind of info to us)

**Prometric:**

* Test administration, network of testing sites in US
* Brochure for Prometric: <https://live-prometric.pantheonsite.io/sites/default/files/2020-02/Brochure_Testing%26AssessmentSolutions_Final_Web.pdf>
* Website outlining their solutions: <https://www.prometric.com/our-solutions>
* Test owner solutions: <https://www.prometric.com/test-owners/our-solutions>

**Pearson Vue:**

* Online and in person testing
* Exams built end to end by Peasron
* Services: design of exam (content, question format, administration technique), publish
* Test publishing: <https://home.pearsonvue.com/Test-Owner/Manage-your-program/Test-publishing.aspx>

**PSI:**

* Online test-taking environment
* Lots of certification exams (physical training, financial consultancy, etc.)
* Entrance exams for NY Fire Department
* Federal agencies exams (Federal Aviation Administration)
* State licensing (cosmetology, electrical, real estate, etc.)

**ITS (internet testing systems):**

* Technology: <https://www.testsys.com/technology>
* Services: <https://www.testsys.com/services/>
  + Customize the exam to fit your website look, integration (use APIs and web services to support the test on your website), test conversion (your content to fit their system)

**ProctorU:**

* Online proctor services <https://www.proctoru.com/>
* Ai to tag, professional review by their employees, live proctor w/ end to end recording/ai

**Yardstick (Canada):**

* Online proctoring, exam administration, psychometrics for exam design

**Question Mark (UK):**

* Online assessment platform
  + New employee recruitment assessments (pre-hire)
  + Post-hire assessments for effective onboarding engagement
  + Other sector-specific uses, mostly ensuring that employees have necessary competencies and that sector regulations are met.
* **They have an API for accessing testing data (“Open Assessment Platform”)**
  + Seems to be for retrieving data about previously taken tests, sending out new tests, etc.
  + There is no UI that I could find. Many of the software manuals are only visible to current customers (they require an account).

**Rosalyn AI:**

* Human in the loop ai used
* Security and privacy compliance: GDPR (general data protection regulation, EU, regulates processing of personal data of European Economic Area) and CCPA (california consumer privacy act

Tao

* Specific operating systems, QTI and LTI
* Question related to project: Can we load an OS to a microcontroller? What brand?
* <https://www.taotesting.com/>