| **Subject** | **HP UFT** | **HP LeanFT** | **Selenium** | **Selenium IDE** |
| --- | --- | --- | --- | --- |
| Language | VBScript | Same as Selenium | Supports several languages  Java | Javascript |
| Learning curve | Based on VBScript which is relatively easy to learn | Less intuitive, more coding knowledge necessary | Less intuitive, more coding skills necessary | Record/playback possible. Generated code difficult to maintain |
| **Project type** | **Traditional** | **Agile** | **Agile** | **Agile** |
| **User oriented** | **More Tester** | **More Developer** | **More Developer** | **More Tester** |
| Object recognition | Test object identification and storage in object repository | Same as UFT | With Firebug | Same as SE |
| Customizations | All is standard available | Same as UFT | Lots of customizations possible | Less then SE |
| Framework | Needed  Exists in ATaaS |  | Needed  Integration with Fitnesse, Cucumber, Gauche | No Framework. Limited capabilities of the tool. |
|  |  |  |  |  |
| Operating System support | Runs on Windows | Runs on Windows | Multiple OS support. With Grid: testing at multiple devices at same time | Plugin for Firefox |
| **Application coverage** | **Many** | **Many** | **Web only** | **Web only** |
| Multiple browsers | In UFT 12.5 available | In 12.5 available | Multiple tests on multiple browser windows at once and faster support for new browser versions | Multiple tests on multiple browser windows at once and faster support for new browser versions |
| System Load | High system load (RAM & CPU usage) | Lower load then HP UFT? | Lower load then HP UFT | Lower load then HP UFT |
|  |  |  |  |  |
| ALM integration | With HP ALM – full integration |  | Jira, Jenkins Not with ALM tool | Same as SE |
| Integration with other tools | A lot can be build, but many is already covered. | More than UFT. | Freeware and can be integrated with different open source tools | Freeware and can be integrated with different open source tools |
| Addins | Add-ins necessary to access all capabilities of the tool – license related | Same as UFT | See integration with other tools | See integration with other tools |
| Reporting | Complete, link to ALM | Same as UFT | No native mechanism for generating reports, but multiple plugins available for reporting | No native mechanism for generating reports, but multiple plugins available for reporting |
|  |  |  |  |  |
| Support | HP full support | Same as UFT | Limited support as it is open source | Limited support as it is open source |
| **License costs** | **About 17K – Capgemini price 5K.**  **Included in the S2 service charge** | **Same price as HP UFT** | **Free** | **Free**  **limited functionality (no iterations / conditional statements)** |
| iVAL Service | ATaaS | Not in a S2 service | Not in a S2 service | Not in a S2 service |

Bold for key differentiators.

Projects choose also an available resources and the knowledge of that resource.

Both: Framework determines the quality of automation. Needs to set up by someone with experience with the tool