

Functional Requirements

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| FR1 | Establish profile (parent of foster kid) |
| FR2 | Manage profile (parent of foster kid) |
| FR3 | View children's residential facilities by zip code using HHS API |
| FR4 | Communicate with the case worker via a private inbox |

Technical Requirements

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| TR1 | Prototype must utilize responsive design |
| TR2 | Prototype must work on multiple devices |
| TR3 | Prototype must utilize 5+ modern and open-source technologies |
| TR4 | Prototype and underlying platforms used to create and run the prototype are openly licensed and free of charge |
| TR5 | Prototype must be deployed on an Infrastructure as a Service (IaaS) or Platform as Service (PaaS) provider |
| TR6 | Prototype must utilize automated unit tests |
| TR7 | Prototype must utilize a continuous integration system automates running unit tests |
| TR8 | Prototype must utilize a continuous integration system automates deployed prototype to IaaS or PaaS provider. |
| TR9 | Prototype must utilize configuration management |
| TR10 | Prototype must utilize continuous monitoring |
| TR11 | Prototype must be deployed via container (i.e., utilized operating-system-level virtualization) |
| TR12 | Prototype documentation must be sufficient to install and run their prototype on another machine |