HCBC MIS DEVELOPMENT ENVIRONMENT AND TOOLS

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| Application Environment | |
| Development Operating system | Linux, Unix, Windows 7 or higher |
| Hosting and staging Operating system | CentOS 7 Linux distribution |
| Database | MySQL 5.7.x |
| Web server | Apache 2.4.x |
| Development Environment (IDE) | VS code, Eclipse, Notepad++, MySQL Workbench |
| Package management | Composer, NPM |
| Version control | Git |

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| Development languages, libraries and API references | |
| Backend | PHP 5.4 or higher |
| Frontend | HTML 5, JavaScript, CSS3, XML |
| Libraries and API references | jQuery 3.x, jQuery Mobile, Bootstrap 3, Typeahead 0.11.x, Location API |
| Pattern | Model-View-Controller (MVC) |