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| Shelton Consulting  101 Branigin Blvd  Franklin, Indiana, 46131 | Software Requirements Specification  (ACMS) |
| Organization Requesting Service  Franklin College Art Department | Date  2023-02-14 |
| Preparer  Name: James Shelton  Title: Systems Analyst  Phone: 940-222-1304  Email: james.shelton@franklincollege.edu | Key Point of Contact  Name: Dr. Randi Frye  Title: Assistant Professor and Chair of Art  Phone: 317-709-5904  Email: rfrye@franklincollege.edu |
| Functional Requirements   |  |  |  | | --- | --- | --- | | Category | Priority | The system shall permit a Person (with status “A”) to… | | Mandatory | 1 | Login (Okta) | | Mandatory | 1 | Maintain artworks | | Mandatory | 1 | Maintain persons | | Mandatory | 1 | Maintain students | | Mandatory | 1 | Maintain media | | Mandatory | 1 | Maintain media specialties | | Mandatory | 1 | Maintain defaults (Turn on/off submissions) | | Mandatory | 1 | Generate labels | | Mandatory | 1 | Send notifications (acceptance/rejection) | | Optional | 1 | Generate schedule | |  |  |  | |  |  | The system shall permit a Person (with status “J”) to… | | Mandatory | 1 | Login (Okta) | | Mandatory | 1 | Judge submissions | |  |  |  | |  |  | The system shall permit a Student to... | | Mandatory | 1 | Submit artwork | | |
| Non-Functional Requirements   |  |  |  | | --- | --- | --- | | Category | Priority |  | | Mandatory | 1 | Usability: The system shall be easy to use. | | Mandatory | 1 | Availability: The system shall be available 24/7 for judging and administration. | | Mandatory | 1 | Security: The system will require admins and judges to login. Students will not be required to login. | | Mandatory | 1 | Robustness: The system will not allow the person to input bad data. | | Mandatory | 1 | Compatibility: The system shall be compatible with Franklin College’s existing server platform. The system shall also be compatible with Microsoft Edge, Firefox, and Google. | | |
| Constraints (Operational and/or Technical)  Technical: The ACMS system must be able to function on Microsoft Windows Server 2016 Datacenter. Also, the ACMS system must be able to run on SQL Server 14. | |
| Standards  The ACMS system must be developed with the programming languages associated with ASP.NET Core. All code must follow Franklin College coding standards. | |