Dev Soft Inc.	**Software Requirements Specification**
101 Branigin Blvd Franklin, IN 46131	(LJCDT)

Organization Requesting Service	**Date**
Leadership Johnson County	2020-02-13

Preparer	**Key Point of Contact**
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Functional Requirements

Category	Priority	The system shall permit an administrator to...
Mandatory	1	Login
Mandatory	1	Retrieve Password
Mandatory	1	Maintain Locations
Mandatory	1	Maintain Participants
Mandatory	1	Maintain Questions
Mandatory	1	Maintain Facts
Mandatory	1	Maintain Quotes
Mandatory	1	Generate Participant password
Mandatory	1	Accept Participants
Optional	2	Generate Answer Report
Optional	2	Generate Participation Report
Category	Priority	The system shall permit a participant to...
Mandatory	1	Login
Mandatory	1	Retrieve Password
Mandatory	1	Submit Answers
Optional	2	View Answer Report
Mandatory	1	Navigate Tour
Mandatory	1	Maintain individual Participant

Non-Functional Requirements

Category	Priority	
Mandatory	1	Attractiveness: The system shall utilize the same color scheme and style adopted by Leadership Johnson County.
Mandatory	1	Availability: The system shall be available 24/7 for tours and administration.
Mandatory	1	Compatibility: The system shall be compatible with Franklin College existing server platform and with all mobile web browsers (Chrome, Firefox, etc.).
Mandatory	1	Capacity: The system shall be able to handle up to 50 simultaneous participants without any significant degradation.
Mandatory	1	Robustness: The system shall not permit the user to input bad data.
Mandatory	1	Security: The system shall require login credentials for access.
Mandatory	1	Usability: The system shall be intuitive and easy to use.
Optional	2	Accessibility: The system shall be fully usable by those with poor vision via voice automated API.

Constraints (Operational and/or Technical)
Technical: The LJCDT system must run on existing Microsoft Windows Server 2016 Datacenter along with Microsoft SQL 2017.
Standards
The LJCDT system must be developed using Dev Soft Inc. standard programming languages such as .NET framework. In addition, the LJCDT system must follow the coding and quality standards established by Franklin College Computing Department. Finally, the LJCDT system must follow the de facto user-face design standards associated with the modern web-based software systems.