Class Title:	UI/UX Developer	**Class Code:**	3400
Department:	Information Systems	**Grade:**	28
FLSA:	Exempt	**Eff. Date:**	3/29/2022

GENERAL PURPOSE

Under general guidance and direction from the Director of Information Systems or designated Manager, designs, develops, tests, debugs and supports county developed applications and websites.

EXAMPLE OF DUTIES:

Develops new websites and adheres to designs supporting internal business requirements or department users.

Coordinates with the team leads to determine final objectives, desired reports, historical data to be preserved and the data sources.

Produces high-quality UX design solutions through wireframes, visual and graphic designs, flow diagrams, storyboards, site maps, and prototypes.

Collaborates with the design team, internal and external designers to ensure the creation and delivery of tailored experiences for the digital user.

Provides advice and guidance on the implementation of UX research methodologies and testing activities in order to analyze and predict user behavior.

Keeps current with industry trends and competitor products, and communicates design prototypes and ideas to developers.

Develops and conceptualizes comprehensive UI and UX strategies for the brand based on target goals.

Analyzes the user experience of existing landing pages & product pages to design better alternatives.

Designs, builds, and maintains highly reusable JavaScript, HTML and CSS code. Designs UI elements and tools such as navigation menus, search boxes, tabs, and widgets for digital assets.

Designs the organizational structure behind website and makes certain interactive components of site can be achieved.

Designs and constructs web pages/sites. Incorporates graphic user interface (GUI) features and other techniques. Maintains and provides ongoing design of the website, banners, seasonal content design for departments. Adheres to style standards on typography and graphic design.

Helps maintain and manage the Content Management System (CMS) for the county (currently Sitefinity).

Collaborates with county departments to determine information system needs and requirements; assists in designing and documenting information systems; designs flowcharts.

Performs web programming assignments to include coding, testing, debugging, and documenting websites and web applications.

Performs related duties as assigned.

MINIMUM QUALIFICATIONS

1. Education and Experience:

Graduation from an accredited college or university with a Bachelor's Degree in computer science, software engineering, or related field in computer programming or web design, plus six (6) years of full-time paid employment in the field of computer programming or web design or any degree with a web development emphasis; or an equivalent combination of education and experience substituting on a year-for- year basis.

Education or experience must include:
- Adobe Creative Cloud 2022
- After Effects
- Audition
- Dreamweaver
- Illustrator
- InDesign
- LightRoom, LightRoom Classic
- Premiere
- Photoshop
- XD
- HTML
- CSS
- JavaScript and jQuery
- PHP, and other relevant web design coding languages
- ASP.NET. Web API
- MVC
- Microsoft Services
- My SQL, SQL
- CSS Preprocessors LESS & SASS
- Editor and IDE experience (Visual Studio, WebStorm, VSCode, Sublime, Notepad++)
- Stock photo/video/elements libraries,
- Digital Signage software design packages (NovoDS)
  Understanding of search engine optimization (SEO) practices

Preference for education or experience with:
- jQuery - Knowledge of designing, writing, modifying, and implementing custom jQuery applications
- JavaScript frameworks, plugins, and libraries
- Front-end framework (e.g. Bootstrap, Foundation, Material, etc.)
- Versioning tools (e.g. Git, SVN, etc.)

- SQL Server and the SQL language
- Intimate knowledge of Typography
- Proficiently works with icon libraries (Angular Material Icons/Font-Awesome)

2. Special Requirements:

May be required to pass a criminal history background investigation.

Employees driving a personal or a County vehicle for job related travel must possess a valid driver license, maintain the minimum vehicle liability insurance as specified in the Utah Code, and must operate a motor vehicle in a safe manner; new employees with an out-of-state license must obtain a valid Utah Driver License within sixty (60) days of hire date (exceptions for military personnel and their dependents).

3. Necessary Knowledge, Skills and Abilities:

Knowledge of: CSS3, common CSS3 libraries, and CSS3 animations; JavaScript; HTML5; CSS Preprocessors LESS & SASS (SASS Preferred); Relational database design experience; ASP.NET and Web API, Visual Studio 2019, SQL Server 2012/15/19/22 and the SQL language; Content Management Systems (i.e. Joomla, Wix, WordPress, Sitefinity); AngularJS - Ability to contribute and modify to Angular Projects; Package Management (NPM, Nuget, Homebrew, Bower);Source control experience and management, (Git, SVN, etc.).

Skill in: Responsive and Mobile Design; Cross-Browser Development; Using JavaScript task runners (e.g. Grunt, Gulp); Testing/Debugging server-side functionality of existing websites; Command line expertise; Slider Revolution experience or experience with highly complex jQuery slider plugins.

Ability to: design color schemes, custom UX and UI for applications and websites; create professional level image assets (Vector artwork) within Adobe Illustrator and Adobe Photoshop; create and modify C# web controls; design and create fully functional mockups for applications and websites; analyze user needs and convert requirements into websites and/or web based services; follow through to finish assignments in a timely and effective manner; set work priorities; plan and accomplish goals and work with minimal supervision; appropriately apply creativity and latitude toward project design; adapt and learn new skills; troubleshoot and solve problems; communicate effectively (verbally and in writing); follow written and verbal instructions; establish and maintain effective working relationships with supervisors, other employees and departments, and the general public.

The above statements are intended to describe the general nature and level of work being performed by persons assigned to this job. They are not intended to be an exhaustive list of all duties, responsibilities and skills required of personnel so classified. *All requirements are subject to possible modifications to reasonably accommodate individuals with disabilities.*

Approval Information

Date: 03/29/2022
Department Approval: Mark Langston
HR Generalist Approval: Mindy Adams
Classification Approval: Marina Brito