# Datta Consulting Group, LLC

## CAPABILITIES STATEMENT

## COMPANY PROFILE

The founder & CEO, Dr. A. K. Datta (arundatta.info), established this entity with support of his past Computer Science students and staff members now serving as consultants. These members have gained extensive experience in the industry working on various software developments. Dr. Datta has extensive experience managing software developmental projects. Social- and Healthcare service providing organizations use some of those software systems.

NAICS
423450, 511210, 518210, 519130, 519190, 541512, 541690, 541715, 611420, 611710

## PAST & PRESENT PERFORMANCE

• Worked with the Higher Education including the Office of the President, University of California System
• State of Illinois on School Health Program, particularly for Childhood Obesity Control
• Community Social- and Healthcare Organizations including National Community Collaborative in National City

## DIFFERENTIATOR

Projects completed on time within approved budget with guaranteed satisfaction; pro-active attitude for risk mitigation while providing supporting services.

## CORE COMPETENCIES

*Business Analytics*: Business Intelligence is important for any enterprise to develop a strategy for success and growth in this complex evolving technology- driven market. Datta Consulting Group (DCG) helps an enterprise, particularly those in healthcare related industry including Biotech and pharmaceutical, in identifying that strategy through extensive research. It also helps an enterprise in executing that strategic plan utilizing state-of-the-art technologies and a strong human network.

*Biomedical data analysis for precision medicine*: The proverb 'same size does not fit all' has been proven to be applicable even while treating a patient, particularly for patients suffering from chronic diseases, such as cancer. Various factors including a patient's genomic profile needs to be considered for developing a potentially successful strategy for treating such patients. Datta Consulting Group's expertise helps in developing such treatment strategy through extensive research and analysis of various biomedical data that includes genomic, demographic, and laboratory test results. It's *CHOIS* system has been proven successful in coordinating all these services provided by the partner agencies.

*Database and mobile technology supported responsive Web Portal development*: Web presence is a MUST strategy for any enterprise to survive in this intense competitive market. Unlike old business strategy where physical location is very important, presence in the Web provides a unique opportunity to reach and serve potentially billions of people Globally. No wonder why all the successful businesses have established their presence in the Web. However, key to the success for reaching the market through IT-driven network depends on a very sophisticated design of a web site that needs to be responsive, search engine optimized, and can be accessed from anywhere anytime using any devices including smartphones and tablets. Datta Consulting Group's 'Ma Belle La' Media design lab provides this service. This service also includes designing logos, brochures and leaflets.

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## PAST SOFTWARE PROJECTS

• OAS-ARTCA, UIUC, IL (DHS), NSD
• RISummit, NSF funded to UIUC
• PASI, NSF funded to UIUC
• HASTAC – UCHRI, UCI
• Community GRID – UC System
• FGInternational – Cooper Institute

## SOFTWARE PRODUCTS

• *FRC4U*: FRC or Family Resource Center serves as an important gateway for providing resources to the needy family members. This model is serving well in USA. Since last 7 years, DCG's software system is helping the care providers efficiently delivering social- and healthcare services and coordinating those services seamlessly round-the-clock (e.g., NCCFRC in National City, CA). Its strong human network also connects social- and health-care organizations.

• *Choice4Fitness*: This system provides tools that can be used by any health conscious individual, be a healthy person or a patient, to monitor his/her fitness level. The purpose is to provide users, particularly to those who are overweight/obese and suffering from related complications, such as, cardiovascular diseases and diabetes, with the tools and educational information necessary for making smart decisions to remain healthy.

• *CHOIS*: This *Childhood Obesity Informatics System* has been developed for providing health-IT support for screening and monitoring the health of school children (more at www.controlobesity.org). Its web application provides web-based forms with 112 different fields to enter data ranging from demographic, height & weight for BMI, to genomic information. Automatic computation of BMI, BMI percentile and the risk of obesity alert are embedded into this system. This portal provides updated information on how to control overweight and obesity.

## SERVICES

Datta Consulting Group, a Minority Owned Small Business Technology Service Provider, specializes in the design, development, implementation, and management of software systems for Professional, Scientific, and Technical sectors (NAICS 511210, 518210, 519130, 519190, 541512, 541690, 541712, 611430, 611420). With over 10 years of experience in the development of technological solutions to even complex business problems, we invite you for a partnership with us and develop a strategic business decision in bringing your conceptual vision to a technology-based solution. We specialize in development of mobile application supported responsive web portal, and systems integration. We also provide Education and Training on the technology application. For more information, please check: dattaconsultinggroup.com

## PAST WORKING EXPERIENCE of the PRESIDENT & CEO

• Director, National University Community Research Institute (NUCRI), National University. Role was to secure projects and work in cooperation with the Universities, Research Institutes, and community organizations providing social- and healthcare services. He also teaches technology related courses; please see: arundatta.info