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**Ghita Benboubker** is a senior undergraduate student enrolled at Al Akhawayn University of Ifran, Morocco. She is majoring in Engineering and Management Science with a concentration in Operations Research. Aside from her academic occupations, she currently serves as the University Honors Program Student Representative, as the Mechanics of Materials Student Representative and as a Resident Assistant at her university. Her main areas of interest include decision support systems and optimization. The present paper is based on one of her internship experiences.

**Dr. Ilham Kissani** is an assistant professor in the field of engineering management for the School of Science and Engineering at Al Akhawayn University in Ifran, Morocco. She has served as the main advisor and lead instructor for the undergraduate and MS programs in Engineering and Management Systems since 2010. She has helped create very close ties with the AUI School of Business Administration, which allows both schools to leverage their resources and deliver a greater diversity of courses to students, such as supply chain management and operations management. Her background is diverse and includes industrial as well as academic experience. Her degrees are from INSEA, Morocco (Engineer) and Université Laval, Canada (Master and Ph. D). She has worked with Royal Dutch Shell as a project manager and with Modellium Québec, where she provided consulting services in logistics and supply chain issues in Canada and Brazil. Additionally, Dr. Kissani contributes in research in supply chain management, planning, and operations research. She is a member of ASEM, IEEE, IEOM, IIE, and INFORMS.

**Dr. Asmaa Mourhir** holds a Ph. D in Computer Science from the University of Sidi Mohammed Ben Abdellah, Fez. Currently she holds a position as Assistant Professor of Computer Science at Al Akhawayn University in Ifran, where she has been serving since 2003, and contributed to a number of research and development projects (Project funded by Maroc Telecom: Development of a multimedia platform for sponsor advertising over IP/SIP telephony networks; Project funded by Al Akhawayn University: Development of a multi-criteria environmental decision support using an expert system). Professor Mourhir was an active member of the Communications & Systems laboratory at Al Akhawayn University. She is currently a permanent member of LIAN laboratory (Laboratoire Informatique, Imagerie & Analyse Numérique) at Faculté des Sciences Dhar El Mahraz, Fez. Prior to that, she worked in industry as a software engineer and project manager. Her previous research interests include Voice over IP and Multimedia Processing. Her current research interests are sustainability and environmental modeling, integrated assessment, decision support systems, precision agriculture, expert systems, soft computing, and deep learning.