SYLLABUS
BCIS 6910.709: SPECIAL PROBLEMS
User Trust and Adoption of the Internet of Things
Summer 2017 (offered to Mobark Aldossari)
June 5 – July 7, 2017

Weekly meetings: BLB 358B, time TBD.
Instructor: Dr. Anna Sidorova, BUSI 338B
Email: sidorova@unt.edu; Phone: (940)565-3109
Office Hours: by appointment.

TEXTS & READINGS
The student is responsible for identifying research articles and manuscripts that are pertinent to the selected research topic.

COURSE DESCRIPTION
As a part of this course, the student will identify a set of research questions related to the adoption and use of IOT technologies, design and plan an experiment based research study.

COURSE OBJECTIVES
At the completion of the course, the student(s) are expected to:
1. Become familiar with theoretical frameworks used for explaining adoption of new consumer technologies
2. Become familiar with advances in IoT technologies
3. Develop expertise in research question formulation, conducting literature review and research study design.
4. Develop expertise in designing experimental simulation with human subjects
5. Become familiar with approaches for analyzing experiment and survey data

COURSE-RELATED COMMUNICATION
The instructor and the student will hold weekly meetings for the first 5 weeks to discuss research questions, research study design and data collection activities. The instructor may assign additional readings, or advise about changes in weekly meeting schedule. Therefore, the student is responsible for checking his/her e-mail regularly.

COURSE ASSIGNMENTS AND EVALUATION
Your performance will be evaluated as follows:

<table>
<thead>
<tr>
<th>ASSIGNMENTS</th>
<th>%</th>
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<tbody>
<tr>
<td>Weekly updates</td>
<td>10</td>
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<tr>
<td>Theoretical paper</td>
<td>50</td>
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<tr>
<td>Experiment design and IRB application</td>
<td>40</td>
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<td><strong>TOTAL</strong></td>
<td><strong>100</strong></td>
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Grades will be assigned as following
A = 90%-100%; B = 80%-89.9%; C = 70%-79.9%; D = 60%-69.9%; less than 60% = F
Weekly updates
The student will provide weekly updates (about one page, double space) on the progress of the study.

Theoretical Paper (Due June 25, 2017)
The theoretical paper will establish a foundation for conducting an experimental study of the adoption and use of IOT. The paper will include an introduction, literature review including review of relevant theoretical frameworks and research model and hypotheses.

Experimental Design and IRB application (Due July 6, 2017)
The students will design two human subject experiments to test theoretical propositions developed in the theoretical paper. For one of the experiments, the student will develop a detailed study protocol, including pretest and posttest measures if applicable, experimental manipulations and checks, as well as experimental scripts. The student will prepare a complete set of IRB application documents describing the experimental study and submit them to the instructor.

Code of Conduct and Ethics
This course adheres to the UNT policy on academic integrity. The policy can be found at http://vpaa.unt.edu/academic-integrity.htm.

Students with Disabilities
The College of Business Administration complies with the Americans with Disabilities Act in making reasonable accommodations for qualified students with disability. If you have an established disability as defined in the Americans with Disabilities Act and would like to request accommodation, please see your instructor as soon as possible.

TENTATIVE COURSE SCHEDULE

<table>
<thead>
<tr>
<th>Date</th>
<th>Subjects covered</th>
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<tbody>
<tr>
<td>Week 1</td>
<td>Course introduction, discussion of the research plan</td>
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<td>Week 2</td>
<td>Discussion of theoretical frameworks</td>
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<td>Week 3</td>
<td>Discussion of the research model</td>
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<td>Week 4</td>
<td>Discussion of the experimental treatments</td>
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<td>Week 5</td>
<td>Final report preparation</td>
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