This assignment contributes 4% to the final weighted sum

In this assignment, you will read a journal/conference article and write a summary about it. Below are some of the topics and each topic comprises four articles (along with their links), you can pickup one article from any of the below topics, and write a detailed summary of it.

Topic 1: Augmented Reality
1. Towards Pervasive Augmented Reality: Context-Awareness in Augmented Reality(Link)

2. An infrastructure for realizing custom-tailored augmented reality user interfaces(Link)
3. A Review on Industrial Augmented Reality Systems for the Industry 4.0 Shipyard(Link)
4. Web AR: A Promising Future for Mobile Augmented Reality—State of the Art, Challenges, and Insights (Link)

Topic 2: Pervasive Computing

1. An Overview of Mobile Cloud Computing for Pervasive Healthcare(Link)
2. Visual Mobile Computing for Mobile End-Users(Link)
3. Recognizing Textures with Mobile Cameras for Pedestrian Safety Applications (Link)
4. Use of Phone Sensors to Enhance Distracted Pedestrians' Safety (Link)

Topic 3: Internet of the Things

1. Mobile Phone Computing and the Internet of Things: A Survey(Link)
2. Internet of Things Mobile–Air Pollution Monitoring System (IoT-Mobair) (Link)
3. What is a smart device? - a conceptualisation within the paradigm of the internet of things(Link)
4. Towards Security on Internet of Things: Applications and Challenges in Technology (Link)

Topic 4: Educational Games

1. Research on educational mobile games and the effect it has on the cognitive development of preschool children(Link)
2. Three-dimensional content in mobile applications for educational information systems (Link)
3. Mobile Applications and Games for a Digital Educational Program on Art and Culture in Secondary School (Link)
4. A mobile game to practice arithmetic operations reasoning (link)

Turn in instructions (Blackboard): Turn in a PDF file containing answers for the below mentioned questions.

Task:

You can choose one article from any of the above-mentioned topics, read it completely and write a 2-page summary of it by answering the list of questions mentioned below:

1. Which paper did you choose from the above list (authors, title, year)?
2. What are the key problems that the authors were trying to solve? – **(10 Points)**

3. Explain in detail about the methodology and system architecture, which they used to resolve the problems specified **(30 Points)**:
    a. If there is a system architecture in the paper, then you have to explain it here
    b. How did the authors implement this system? → Explain about the steps of implementation, modules and the components involved in this system.

4. Describe in detail about the results that they achieved in this research work **(30 points)**
    a. This should address key outcomes of the system
    b. You could also check the discussion section in the paper to extract the outcomes of the system.
5. Explain the future directions of this work (check this out in conclusion/ future work section) **(10 points)**
6. What do you think are the major problems involved in this approach? **(10 points)**
7. What are the new terminologies/techniques that you learned from this paper? **(10 points)**
    a. Explain this in points
    b. You can mention some additional readings that you performed to understand some of the new concepts in this paper.

Note: You are not allowed to use double spacing between the lines in the document (20 points will be deducted for this).