

# PRESENTATION OUTLINE: An Effective way to optimize performance and battery life of smart devices using multi-kernel approach

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## **1 Introduction**

- Explaining the problem we are trying to solve (1 slide)

## **2 What is multikernel system?**

- Explaining multi-core system structure (1 slide)

## **3 What is lightweight kernels and unikernels?**

- Briefly explaining lightweight kernels and unikernels (1 slide)
- Showing unikernel system architecture. (1 slide)
- Difference between monolithic and lightweight kernels. (1 slide)

## **4 Performance and power consumption comparison**

- Performance Chart (1 Slide)
- Power consumption chart (1 slide)

## **5 Reality**

- Availability (1 slide)
- Disadvantages ( 1 slide)
- My findings ( 1 slide)

## **6 Demonstration**

- Running unikraft on pc.

## **7 Future work**

- Future work ( 1 slide)

## **8 Conclusion**

- Conclusion ( 1 slide)
- Q&A ( 1 slide)