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E-village Project in Ancient City Bagan

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Bagan

- an ancient city located in the Mandalay Region of Myanmar
- more than 2,200 structures, including pagodas and temples

Economy in Bagan

Lacquer ware

Traditional product

Hotels

Children guide

Providing for Renovating the Bagan Pagodas

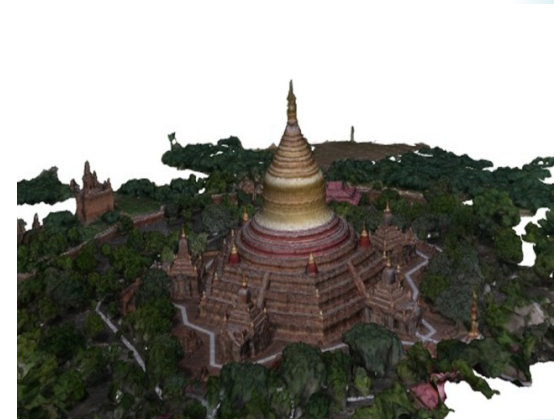**Damaged Pagodas in Earthquake**

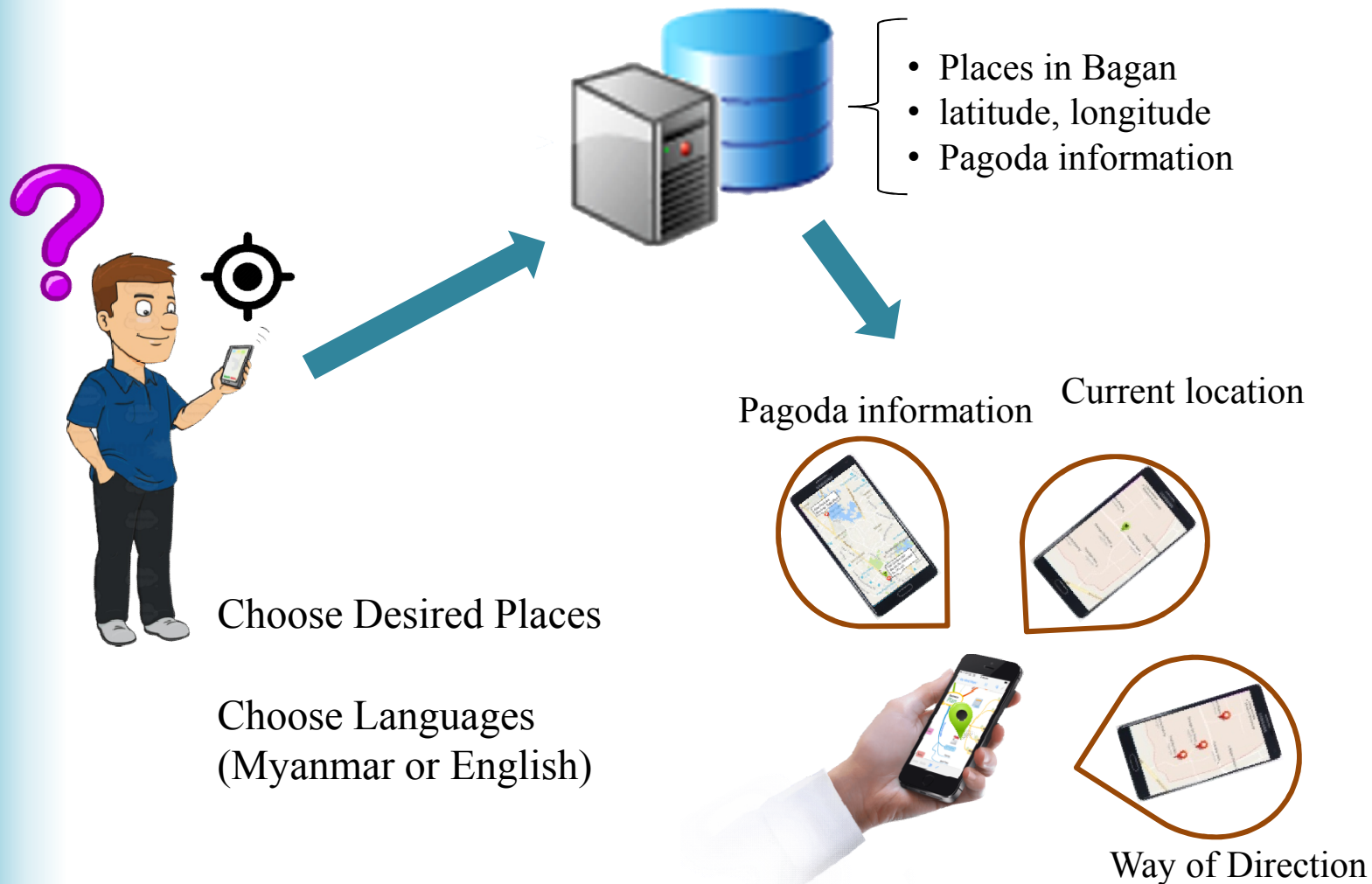**Construct 3D model for renovating**

| Hexa-copter | UAV Images | 3D Model |

Location Services

- Places in Bagan
- latitude, longitude
- Pagoda information

Choose Desired Places

Choose Languages
(Myanmar or English)

Pagoda information

Current location

Way of Direction

Online Learning

- Mainly focus on children in Bagan.
- Video games and lectures which fascinate the children will be added.
- It can help them learn in an interactive manner rather than reading the text-books in the classrooms.
- They can be educated and can also get a better lifestyle.

Online Business

- Can easily know Bagan's products
- Can easily buy these products
- Can easily connect with other countries

E-Health

Patient Position Sensor (Accelerometer)

Pulse and Oxygen in Blood Sensor (SPO2)

Blood Pressute Sensor (Sphygmomanometer)

e-Health Sensor Shield for Arduino and Raspberry Pi

Galvanic Skin Response Sensor (GSR - Sweating)

Body Temperature Sensor

Airflow Sensor (Breathing)

Electrocardiogram Sensor (ECG)

Glucometer Sensor

- Some villages in Bagan region have no clinics and it has only one general hospital in Naung Oo city.

- The hospital needs advanced devices which are connected between patients and doctors.

- The usage devices can detect various changes in the patient including its movements, heartbeat, blood flow from the wounds and body temperature etc.

- The reports generated by various machines like X-rays, CT scans etc. will be sent to the doctor directly.

Conclusions

- Our project is intended to renovate the pagodas of Bagan and also aim to develop the villages around Bagan as e-villages.

- It will provides Bagan's people to get the better life style.

- It will helps to improve the education and local business opportunities, improving health, and overall enhancement of rural village dwellers in Bagan.

Thank You