



Tablets Take Their Place in the PC market

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1

Artificial Intelligence



ARTIFICIAL INTELLIGENCE

1

Computers. Using some AI techniques like those we discussed in Chapter 4, can learn. In the classroom while a child is using a tablet PC to learn the basics of addition, how can software be developed to aid in the learning process? Does this mean that teachers are no longer needed for some subjects? Are teachers needed earlier grades while computer-based training can take over in later grades? Why or why not?

- What AI can do?
 - When you search the web, ranking algorithms are employed to choose the relevant web pages to show.
 - When you deposit a check at an ATM, handwriting recognition is employed to automatically figure out the deposit amount.
 - When you take a picture, face detection is employed to identify faces and perform auto-focus or auto-tagging.
 - If you want to read a news article in another language, you can turn to machine translation.
- Teachers are still required to monitor the learning outcome, assist students for the class activity apart from learning.
- Indeed there is no right and wrong. Depending on scenarios both can be applied. Children who are growing need someone to teach and guide about the outer world apart from parents. People need to learn by communicating with people by mingle around their friends. Technology is for our knowledge and required to use wisely but we as a human should nurture the environment of communicating with people who is around us.

2

End-user systems, like those that allow patrons to order meals on an iPad, must be “idiot proof” (We apologize for the crudeness of that term.) That is, systems must be usable without training and created in such a way, for example, that a patron at one table cant accidentally change the order of a patron at another table. What does this mean for systems development? Can complex and complicated end-user systems be developed and deployed on tablet PCs so that people can use the systems without training and without intervention by a knowledgeable person such as a waiter or wateriness?

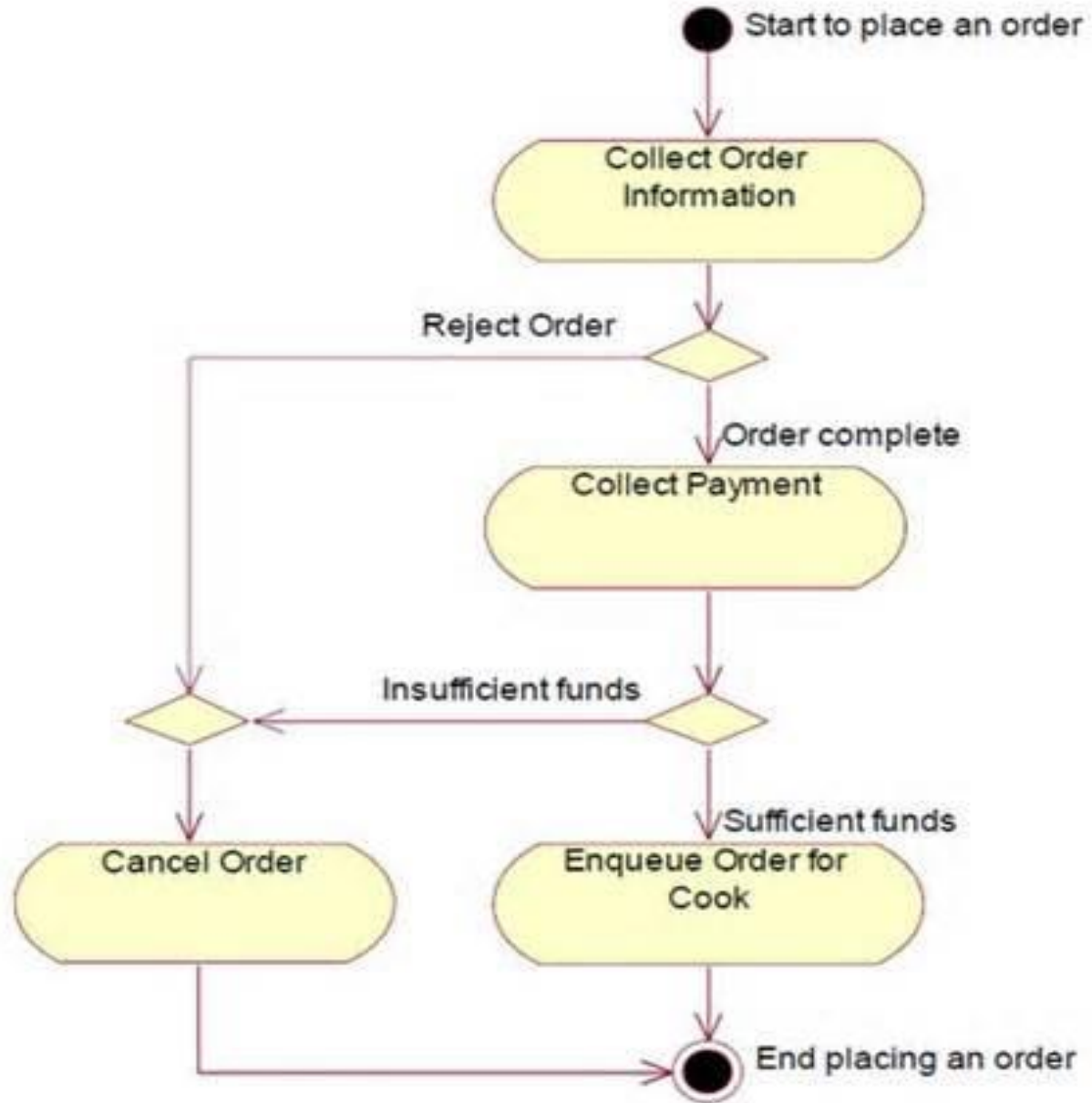


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2

Flow of Menu Ordering



2

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- Traditional way of menu ordering is converted to web based by using iPad.
 - From system development perspective system improvement is required to cancel, update, edit or delete the order.
 - Yes, meal ordering systems can be developed as its been converted from traditional menu order with waiter/waitress to web based by using iPad. As is we communicate with human now it's being communicate through table PCs. We believe training may not required.

3

What security issues are involved in allowing people to pay with tablet PCs? Does this payment process make it easier for someone to steal your credit card information? Are you comfortable using a restaurant-supplied technology to enter your credit card information? Why or why not?

Is it secure to use online?

How if there is downtime during the process?

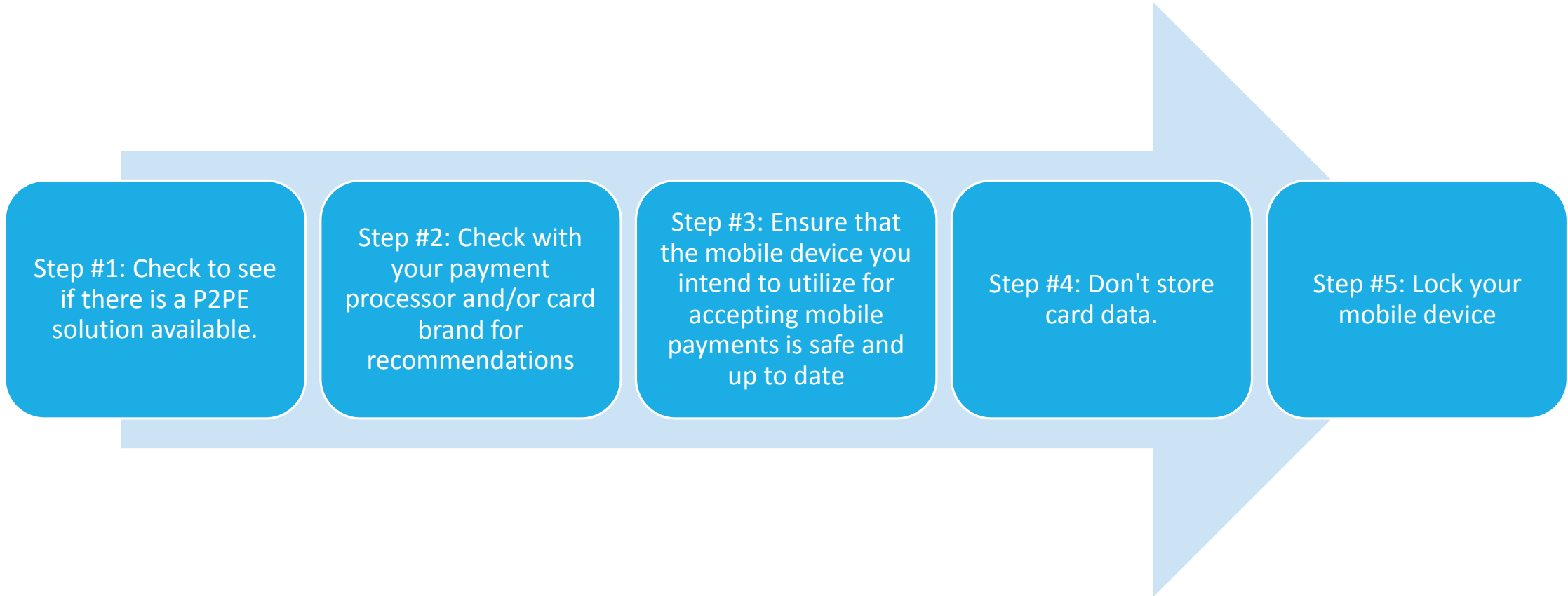
Is our data secure?

Is it one time transaction or will be any other transaction will occur without our knowledge?

Will the party receive my money?

3

Yes. If the security is in place.



4

What will happen to offshore outsourcing for software development? Can outsourcing firms in India and China, for example, be expected to develop software systems for use in U.S. schools? Can those same firms be expected to develop systems that meet FAA rules and restrictions?

Offshore outsourcing is the practice of hiring an external organization to perform some business functions in a country other than the one where the products or services are actually developed or manufactured. It can be contrasted with offshoring, in which the functions are performed in a foreign country by a foreign subsidiary.

