Operation FeedAGeek

Initial project pitch
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6170 Software Studio · April 10, 2013
student time allocation

- 6170
- sleeping
- eating
- waiting for food
student time allocation

- 20% sleeping
- 40% eating
- 30% waiting for food

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student time allocation

- 20% sleeping
- 10% eating
- 30% waiting for food
- 40% phone order fee

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student time allocation

- 20% phone order fee
- 40% delivery fee
- 30% eating
- 10% sleeping
- 6170 waiting for food

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student time allocation

- 20% phone order fee
- 40% delivery fee
- 10% 6170
- 30% sleeping
eating waiting for food

$98 on order/delivery for two!
100 students: less than $1 each!
alice

PIZZA!

PIZZA!

PIZZA!

PIZZA & 12AM

bob

carl

dave

dumplings
alice

PIZZA!

PIZZA!

PIZZA!

bob

carl

DUMPLINGS

dave

PIZZA @ 12AM

DUMPLINGS @ 1AM

DAVE
PIZZA!

PIZZA!

PIZZA @ 12AM
- Bob
- Carol

DUMPLINGS
- Carol

DUMPLINGS @ 1AM
- Dave
Pizza! Pizza! Pizza! Bob

Alice

Dumplings
Carol

Dumplings @ 1 AM
Dave

Pizza @ 12 AM
Bob
Carol
Alice
PIZZA!

PIZZA!

PIZZA!

FOOD ON ITS WAY!

ORDER CLOSED

ALICE

BOB

CAROL

ALICE

DUMPLINGS @ 1 AM

DUMPLINGS @ 1 AM

DAVE
concepts
› **order**: selection of food items
› **bid**: you offer to share an order
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features
› **search** of local restaurants and menus
› **bidding** for orders, by creating or joining bids
› **notifications** of closure, delivery, etc
concepts
 › **order**: selection of food items
 › **bid**: you offer to share an order

features
 › **search** of local restaurants and menus
 › **bidding** for orders, by creating or joining bids
 › **notifications** of closure, delivery, etc

challenges
 › bid protocol, bogus bids, diversity of order types
design risks

bid protocol too complex or not flexible enough

lack of trust puts off users
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implementation risks
not sure how to handle DB locks to prevent races
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development risks
can’t get menu data
design risks
bid protocol too complex or not flexible enough

design upfront, paper prototype with friends
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daemon with single-threaded event queue instead

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development risks

can’t get menu data

use locu.com’s API; if that fails, just do pizza
questions?