



meeting start @ 12:25

Abs: Tal Andrey

Open Qs @ 12:27

Hand in models?

→ math model } Monday  
→ UML model } hand in

- Put everything more together

\* Add the current status  
after mins in the Agenda

\* have a hard copy of docs

\* 12:33 minutes

- add sub topics  
- Run on sentences

①

- Repeating sentence.

content 11:55

Collective not e

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12:39 Current status

- math models explanation for everyone
- UML - didn't use case update
- domain

~~the~~

VI updated after the  
talk with other group to get  
more data/info

predictive model

> simple walk through of the docs  
to make everyone understands

• add comment

Document what you are doing

# Schedule a meeting for documentation

## 12:53 Feature list

- prediction on population for herbivores
- make names more specific
- prioritize
- user &
  - ↳ saving predictions
- use inclusion for authentication
- include 2<sup>nd</sup> ary actors



system

waits  
for  
Command

1:00 Use case - update it & p  
according to the features

1:02 Sequence  
(mimic - simulation  
not but predicting  
modeling - individual  
modeling putting everything  
together

Domain  
Behaviour - <sup>use</sup> methods?  
→ problem domain = animal  
herbivores  
competition includes  
math  
model  
herbivore

→ remove user add a  
found msg  
→ integration with the other app



# 1:08 Data collection + math model

- explanation of the  $\beta$ s we have
- parameters  $\underline{a}$  or  $\underline{c}$

guess carrying capacity?

# is wired  $\rightarrow$  how it happens  
thrown off if different  
circumstances

if avg. neg - more neg #?

wrong calc method?

$\hookrightarrow$  can't take avg  
correlations

put data in spss & plot best  
fitting line

statistical model  $\rightarrow$  spss  $\leftarrow$  for calculations

3 species model & not possible  
ATM

Book 2 species model

<sup>maybe</sup> add a competition factor?  
or  $\alpha$  is

if  $\alpha = 1$  then count as same  
 $\Rightarrow$  no competition

consumption  $\neq$  competition

$\left. \begin{array}{l} \text{Horse \& cow} \\ \text{deer \& cow} \\ \text{deer \& horse} \end{array} \right\} \begin{array}{l} \text{assumption} \\ \text{for} \\ \text{competition} \end{array}$

Can't put in 1

predict  $\left\{ \begin{array}{l} \text{2 animal has} \\ \text{low interaction \#} \end{array} \right.$  what  
you do?

can be calculated

Bio boot - where live animal?

what they feed?

Geese ~~are~~ & lee

1 herbivore has low interaction

Horses & cow

don't add it  
logistic model  
eating food  
influencing the cap factor?  
→ deer - forest & high area } where they live  
geese - rest of but everything  
else not

point the competition  
factor don't quantify  
it

1:30 meeting ended.

