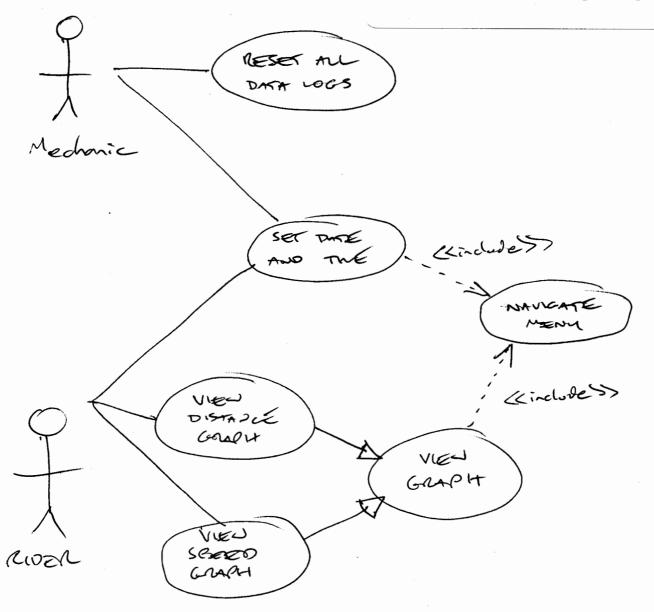
Software EJGUEERUG II

Computer Science Tripos Part IA 2005

a) (i) STUABUS: UML DIGERANS

Paper 2 Question 8

AFB — Software Engineering II



MANK FOR COMMENT DISCORDER STYLE

- I NAME FOR APPROPRIATE USE

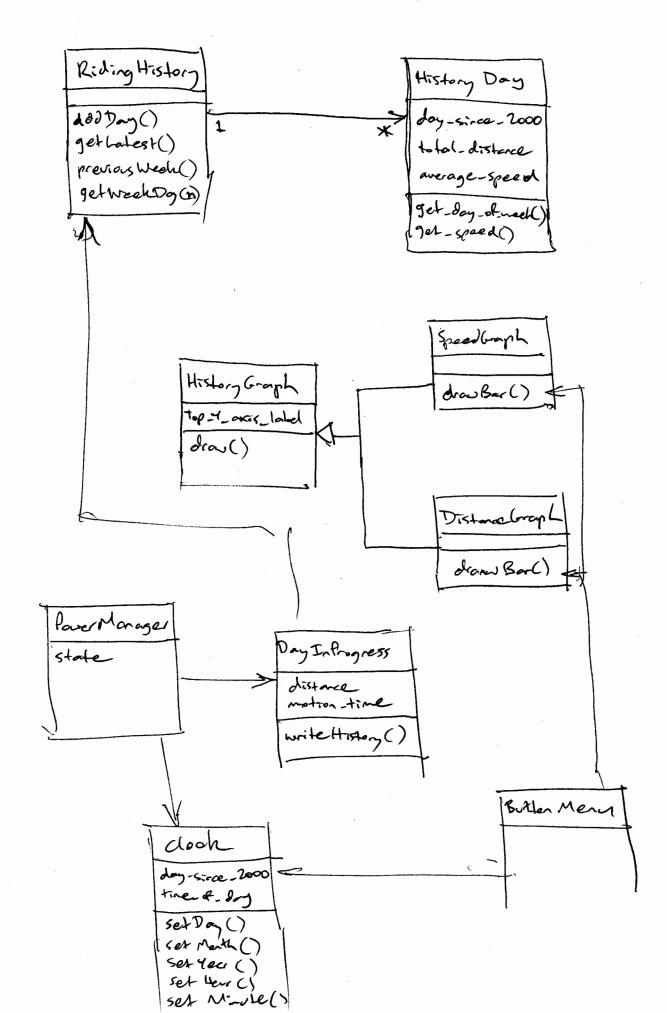
- I MANK FOR SIMILARLY COMPUTE DESCOND

(NOWN MAY BE A FULL DESCO), JUST

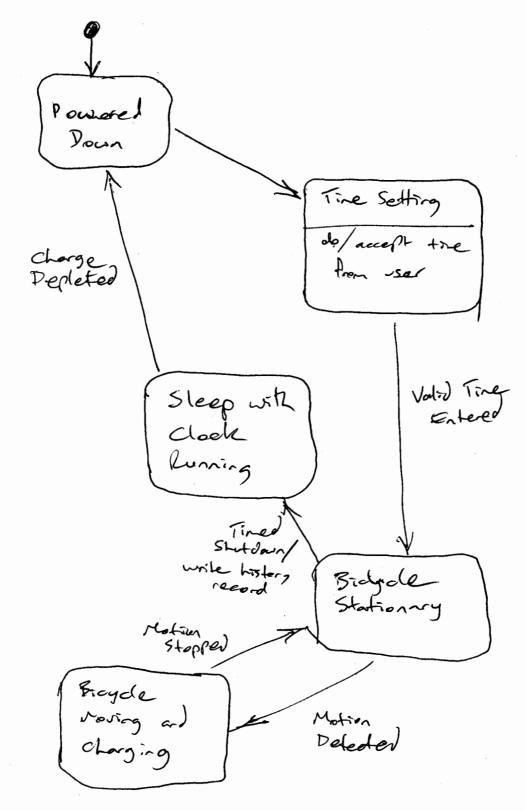
ADDRESS POINTS RYSED IN KNOWN IN

a) (ii)

(MARKETA AS FOR ACI))



a) (iii)



(markey 15 Ker a) (i))

a) (iv) DRAW AXES AND TITLE [currently riding] [else] COMES BAON VACUES KNO US EXTRY AND COLLEGE Brak From TODAY CALCULATE 7 AXES Maximum ADD serve French Dan Axis ingres DANN BANG FOR Sever screen VALUES

(Markery MS FER a(i))

b) STUARUS: MARLABLE NAMULG AND ROVES

top-Y-axis-label - the role is a fixed value, calculated only once

1-scale factor - the role is a transformation," bose derived from top label

max-Y-value - the role this plays is a "nost-wanted" holder

plotted_bar_index - the role is a "steppe"

MARKERL

- 1 MARK EARH (1/2 FOR NAME ONLY)

STURBUS: TESTING AND RESIGN PROCESS

Use cases (i) can be verified with
respect to user requirements by
respectiving with users, marketing personel,
or by trials with user interface machiness.

class diagram (ii) can be verified with respect to use cases by malking though each seenario, noting responsibilities and collaborations

State diagram (iii) can be tested against real-time behaviour by simulating power cycle combinations on actual hardware

activity diagram (iv) could be tested by writing stub routines that reder the display on a development system, using simulated historical data

mande

^{- 1} MARK ENCH. SEVERAL AUTERLANTIVE
TECHSIQUES MIGHT BE PROPOSED, AND
ANTONIXA APPROPRIATE LETS THE MARK