

6SULQJ &4, 5HSRUW
6RIWZDUH &XUULFXOXP

6HSW €À` %fSDœ\$GYDQFHG 2EMHFW 2ULLQJWHGQ 3U&
6RIWZDUH (QJLQHPPULWQH H D Q B FRUHV FRFWU VRH LQHSV
DQG UHYLHZHG WKH DVVHV VPHQWVER WVKHF QXUDVHC
DSSHQGL[IRU WKHPHQGLYHSGR D V L S W N S U X F W R E V W

- x &6 E\ 'DQLHO 0HMLD
- x &6 E\ 'DQLHO 0HMLD
- x &6 E\ 2VFDU 0RQGUDJRQ
- x &6 E\ <RRQVLN &KHRQ

7KH VWDWHG OHDDQDQW R X W R R P M V R Z H U H P H W H [
SRLQWV RI

5HYLVLRQ RI &R
&6 DQG &6
WKH FRPPLWWH
FRPPLWWHH DSS
E\ IDFXOW\ DW V

&6 -XQLRU :

- x 8SGDWH RXWFRPH DXHM VIRUL EDHF W HSK B D F H D Q G W H O
LQWHUYLHZV
o 'HVFULEH WHFKQLT XiHui, I B Q G D F H O M S K B Q H L Q W H U Y
x FRPPXQLDQW ZRQ WWHQ

Q H V D P K S O H R O V R Z L Q J
SURIHQV LDFQ F B Q Q W H Z R W N D I E O N L M G , Q W R H
QJ DQGE SORWH VRLR V B E F S Q V I S R V H R I H Q K D Q
FRPPXQDEQWQJRQQMWH OOVKLRSEWRU UHVHDFK
HV RE SUDRQLDQJ UQDRGXPDDVHLRQOQDQG REWDLQ
WLRQV
SURIHYWRQHQS UHHWX B H R E F M V L R Q D O H [S H U L
SURIHVVRHQDOL W K S E V W R R V K R Z F D V H V R I
HQW H [S H U L H Q F H V

&6 \$GYDQFHG 2EMHFW 2ULHQWHG 3URJUDPPLQJ
x 5HPRYH /HYHO D RQXWKRIPOHLM (ESHOWZLFFQV DRQURIE QIWHG
DSSURDFK DQG SURFHGXUDO DSSURDFK
o 0RYH WR &6 3URJUDPPLQJ /DQJXDJHV
x \$GG D QHZ /HYHO RXWFRPH
o 'HVFULEH WKH GLICHWUHHQIDHO E HDVZGHEHO Q SIPVHQIWW ZDU
x 5HZULWH E LQWRVPX E WILSO HL R S O/HFRPPVWH VDDCGXVH F
PHWKRGV WKDW IROGG R ZV FORHM HDQVSHRQXUHDR W
DGYDQFHG IHDWNUWDQVXFKHQD F HLSQVHROH UKIDQ/GOLQJ DQ
o 'HVLJQ LPSOHPHQW DQGG R E MH FVODLQJH ROORZLQJ
FRQYHQWLRQV JXLGHOLQH VV\OHV DQG VWDQ
o 'HVLJQ DQG LPSOHPHQW DQGG R E MH FVODLQJH ROORZLQJ XVHU GH
H[FHSWLRQV DQG KLJK RUGHU IXQFWLRQV

&6 -XQLRU 3URIHVVLRQDO 2ULHQWDWLRQ
7KLV FRXUVH SURYLGHV DQ RYHUYVH R QV ZLWKHDQRIPBSXNDVUL V FRC
DQG WKH ORFDO DQG JOREDO LPSDDQV JDIWLRQV X VDLQJ VRFLEW L
LW ZDV WDXJKW E\ 'DQLHAGit of Mile Social, Legal, and Ethical
Issues for Computing Technology DUD %DVG IHWLRQ 3HDUVRQ 7KH FRPP
UHFRPPHQGV WR
x .HHS XS ZLWK WKH JRRG ZRUN ± PHWUWU Q F VDRQ WIKWKF BXUV
VWXGHQW SDVVLRQJ UDW
x ([SDQG RQ WKH XVRHURH RPPHQW L W L W DRDQG FRODERUD
x &RQLQXH KDYLQJ W W X GR Q V R IX S S R Q W W W D X F W L R S Q DO

&6 \$GYDQFHG 2EMHFW 2ULHQWHG 3URJUDPPLQJ
7KLV FRXUVH SURYLGHV LQ GHSWKRHJLSRPVILQH V S D UDKH JPE M Q FWW
LW ZDV WDXJ MWDE\7'OH Q UHO X LH Object-Oriented Analysis ZDV
Design, and Implementation: An Integrated Approach %UDKPD 'DWK DQ 6DUQDWK
5DPQDWK 6SULQJHU 8QZKHU F R E W L W W H 3 U H W R P P H Q G V W R
.HHS XS ZLWK WKH UQRD Q Z Q W K P H F R X U V H R X W F R P H V
&RQLQXH PRQLWRULQJ WKH IDLOXUHL R X D W H R X Q G L W Z D V
&RQLVGHU XVLQJHD SQRQH D S S E U R D H G H Q D W K H P H F R X H U
ORQJ SURMHFW WKDW EXLOGV XSRQ WKLV FRXUVH

&6 6RIWZDUH (QJLQHHULQJ , ,
7KLV FRXUVH LV WRH D HV ZR Q GH PH PH WWH F DS VZ R EK VFXGHQWV
DQG LPSOHPHQW D UHDO ZRUOG DS/SOULQDWLRQLWSH DVI WDCX L QV
<RRQVLN &KH R QUH G HWU H Sertain of Software Engineering) 7VXL 2
.DUDP DQG %G(%HW-GRQV %DUWHWW Design LQJ DQG
Object-Oriented Software 5 :LUIV %URFN QG:LO:NLHUVRQ 3DHQWLFH
7KR PPLWWHH UHFRPPHQGV WR

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