Contents

1. **Introduction** 1
   - 1.1. Problem Statement 1
   - 1.2. System Personnel 1
   - 1.3. Operational Setting 2
   - 1.4. Impacts 2
   - 1.5. Related Systems 2

2. **Functional Requirements** 4
   - 2.1. User Interface Overview 4
     - 2.1.1. Command Summary 4
     - 2.1.2. Screen Map 7
   - 2.2. Scheduling an Individual Appointment 8
   - 2.3. Viewing an Individual Calendar 13
     - 2.3.1. Viewing the Calendar at Different Levels 13
       - 2.3.1.1. Day View 14
       - 2.3.1.2. Week Views 19
       - 2.3.1.3. Month View 23
       - 2.3.1.4. Year View 23
       - 2.3.1.5. Scheduled Item View 23
     - 2.3.2. Viewing Previous, Next, and Specific Calendar Dates 27
     - 2.3.3. Viewing Lists of Scheduled Items 28
     - 2.3.4. Filtered Viewing 29
       - 2.3.4.1. Important Details 29
     - 2.3.5. Viewing Other Users' Calendars 29
     - 2.3.6. Viewing in Different Windows 29
   - 2.4. More Individual User Scheduling 29
     - 2.4.1. Scheduling an Individual Meeting 31
     - 2.4.2. Scheduling Tasks 31
     - 2.4.3. Scheduling an Event 31
     - 2.4.4. Details of Recurring Items 31
       - 2.4.4.1. Weekly and Biweekly Intervals 31
       - 2.4.4.2. Monthly Intervals 31
       - 2.4.4.3. Yearly Intervals 34
     - 2.4.5. Receiving Reminders 35
     - 2.4.6. Changing and Deleting Scheduled Items 35
   - 2.5. Scheduling Group Meetings 35
   - 2.6. Changing and Deleting Scheduled Items 35
   - 2.7. Administrative Functions 35
     - 2.7.1. User Database 36
       - 2.7.1.1. Adding a User 36
       - 2.7.1.2. Deleting a User 36
       - 2.7.1.3. Changing a User 36

2.7.1.4. Finding a User 36
2.7.2. Group Database 36
2.7.3. Room Database 37
2.7.4. Global Defaults 37
2.7.5. Group Leader Priveleges 37
2.8. Details of File Commands 37
2.9. Details of Edit Commands 37
2.9.1. 21jun99 Note 37
2.9.2. Preferences 37
2.9.3. Times and Dates 37
2.9.4. Viewing Options 37
2.9.4.1. List Length 37
2.9.5. Advanced Options 37
2.10. Help 38
2.11. Data Entry Details 38
2.11.1. Date Formats 38
2.11.2. Scheduling Dialogs 38
2.11.2.1. Defaults 38
2.11.3. Required Fields 38
2.11.4. Selecting Viewing Targets 39
2.11.5. Deletion of Scheduled Items 40
2.11.6. Overlapping Items 40
2.12. Error Conditions 40
2.12.1. Commands with No Effect 41
2.13. Graphical User Interface Details 41
2.13.1. View Command Display Details 41
2.13.1.1. Resizing Windows 41
2.13.1.2. Details of Horizontal Overlap Display 43

3. Non-Functional Requirements 44

4. Developer Overview 45

5. Rationale 46
5.1. Misc Ideas from Relatively Early On 46
5.2. Start/End versus Start/Duration, Revisted 46
5.3. Start/End versus Start/Duration (Older Ideas) 47
5.4. Big Issue about Factoring Options 47
5.5. Old Remarks from the List Viewing Section 47
5.6. Filtering Issues 47

Appendix A. Users Manual 49

Appendix B. Help Content 50

B.1. Quick Help Messages 50
B.2. Detailed Help Content 50

Appendix C. Feature Comparison Matrix 51