Bug tracking software

Features:
• Create a bug
  ○ Bug attributes: name, application, date/time stamp found, date/time stamp entered, est. time to fix, assigned to, notes, project, severity etc
    ▪ History of each bug
      ○ who, what, when of any attribute change
• Change a bug
  ○ Statuses
    ▪ created, assigned, in progress, fix made, fix verified, resolved – with ability to transition back
  ○ Comments
    ▪ Add/edit a comment
• View a bug
  ○ Anyone can view
• Delete a bug
  ○ If user has permission
• User Maintenance
  ○ User Roles
    ▪ Managers
      ○ Report bugs, managers can only view bugs and generate reports, maybe move people between projects
    ▪ Testers - Report bugs, comment, close bugs
    ▪ Developers - Report bugs, comment, change status (not close)
• Search bugs on attributes

Nice to have:
• Reporting
  ○ Different views
• Test cases
• Bug relationship (Found A while testing B) – regression bugs