Bugster

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Key Aspects

User can submit bug reports, which is assigned to another user to fix

Bug report ratings are used to generate preferences for the user

Smart backend that recommends assignees

Uses 3 controllers, 5 views, 5 models, and 1 database
MVC Design
UML Class Diagram

User
- UserID : int
- Name : String

UserController
+ users#add
1- users#do_login
+ users#logout

Ticket
- Status : int
- CreatedBy : User
- History : String[0..*]
- CreationDate : int
- TicketID : int
- Title : String
- Description : String
- AssignedTo : User

Bugster
- RecommendMatrix : String[0..*]
+ AssignTicket()
+ ParseTicket()

TicketsController
+ tickets#add
1- tickets#index
+ tickets#show
ER Diagram
Relational Schema
Demo