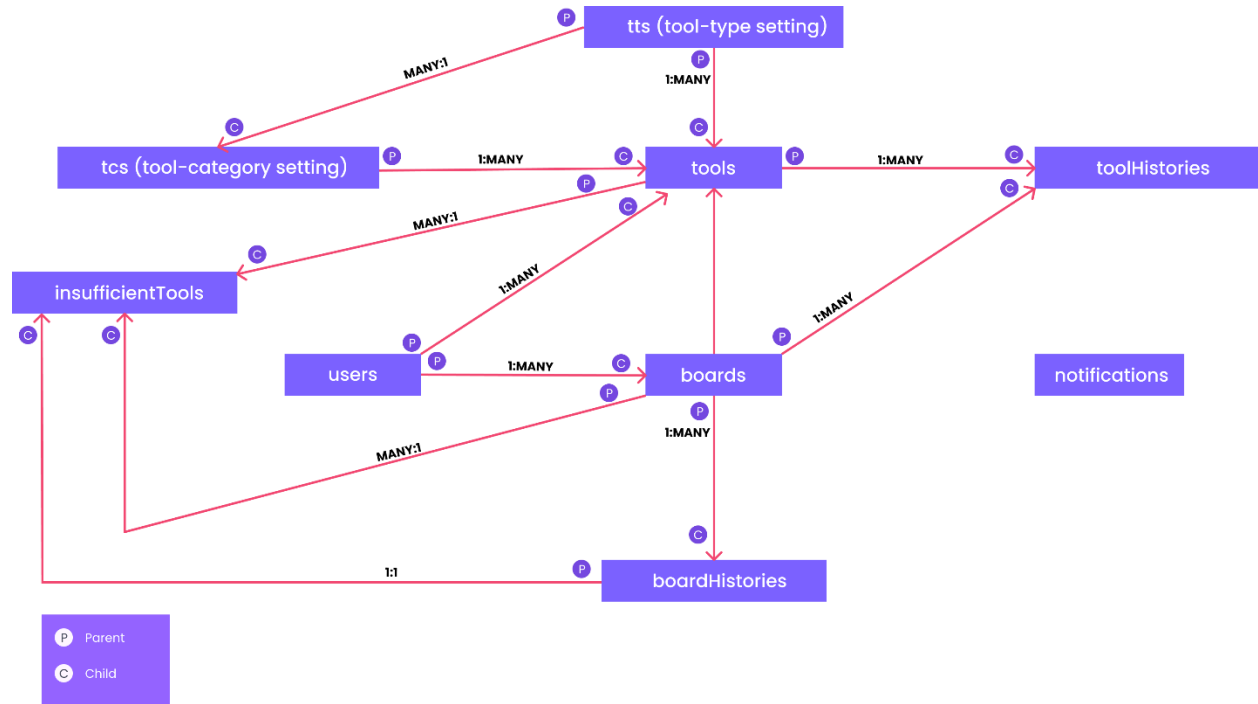


ETT-STOCK DATA MODEL



Tool Model

```
toolName: Sting
toolCode: String
total: Number
type: Objectid (Tts)
category: Objectid (Tcs)
creator: Objectid (User)
size: Sting
limit: Number
avatar: Object => {
  public_id: String,
  url: String
}
images: Array => [{
  public_id: String,
  url: String
}]
description: Sting
isAlert: Boolean
createdAt: Date
```

Board Model

```
boardName: Sting
boardCode: String
total: Number
type: String
tools: Array [{
  totat: Number,
  detail: Objectid (Tool),
  type: Objectid (Tts),
  category: Object (Tcs)
}]
creator: Objectid (User)
limit: Number
avatar: Object => {
  public_id: String,
  url: String
}
images: Array => [{
  public_id: String,
  url: String
}]
description: Sting
isAlert: Boolean
createdAt: Date
```

User Model

```
email: Sting
name: String
password: String
passwordConfirm: String
creator: Objectid (User)
unreadNotification: Number
avatar: Object => {
  public_id: String,
  url: String
}
active: Boolean
createdAt: Date
```

Tool History Model

```
code: Sting
tool: Objectid (Tool)
total: Number
action: String
exp: Date
creator: Objectid (User)
description: Sting
createAt: Date
tags: Array => [{
  creator: Objectid (User),
  action: String,
  total: Number,
  createAt: Date,
  board: Objectid (Board),
  insufficientTotal: Number,
  allToolTotalUsed: Number,
  description: String,
  bhCode: String
}]
```

Board History Model

```
code: Sting
board: Objectid (Board)
insufficientToolid: Objectid (InsufficientTool)
total: Number
action: String
exp: Date
creator: Objectid (User)
description: Sting
createAt: Date
tags: Array => [{
  creator: Objectid (User),
  action: String,
  total: Number,
  createAt: Date,
  description: String,
  tools: Array => [{
    total: Number,
    insufficientTotal: Number,
    tool: Objectid (Tool),
    th: Objectid (Tool History)
  }]
}]
```

InsufficientTool Model

```
bh: Objectid (Board History)
creator: Objectid (User)
createAt: Date
tools: Array => [{
  insufficientTotal: Number,
  detail: Objectid (Tool),
  type: Objectid (Tts),
  category: Objectid (Tcs),
  th: Objectid (Tool History)
}]
```

Tts(tool-type setting) Model

```
name: String
```

Tcs(tool-category setting) Model

```
name: String
tts: Objectid (Tts)
```

Notification Model

```
message: String
date: Date
exp: Date
```