



Cairo  
University



Faculty of  
Engineering

# B R Y T E

.Project Proposal();

#Team Info in  
the last page

eXe1  
Nov 2020  
Computer Engineering Department - CMP2020

B R a n d   Y o u r s e l f .

B R i n g   T o g e t h e r  
Y o u r   P r o j e c t s  
i n   1   P o r t f o l i o .

B R i d g e   b e t w e e n  
D e v e l o p e r s   &  
C l i e n t s .

B R e a k   R e c o r d s .

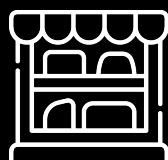
B R Y T E ■

# Idea

Bryte is a platform intended for the Software Engineering community, making developers able to brand themselves easily. We help them to gather all the work in one place. Not just the code, documentation, or the technical view of the project but also the marketing and branding aspects. Alongside projects, their account will be a customized portfolio to include all their technical skills, participation, and working experience so that you don't have to create your portfolio from scratch and update every time you get a new skill. For organizations, their account will include the projects they made and teams working on it. We also allow them to announce projects they need developers to work on. And through each developer's account, the evaluation criteria has never been easier.



**Customizable  
Portfolios for  
developers**

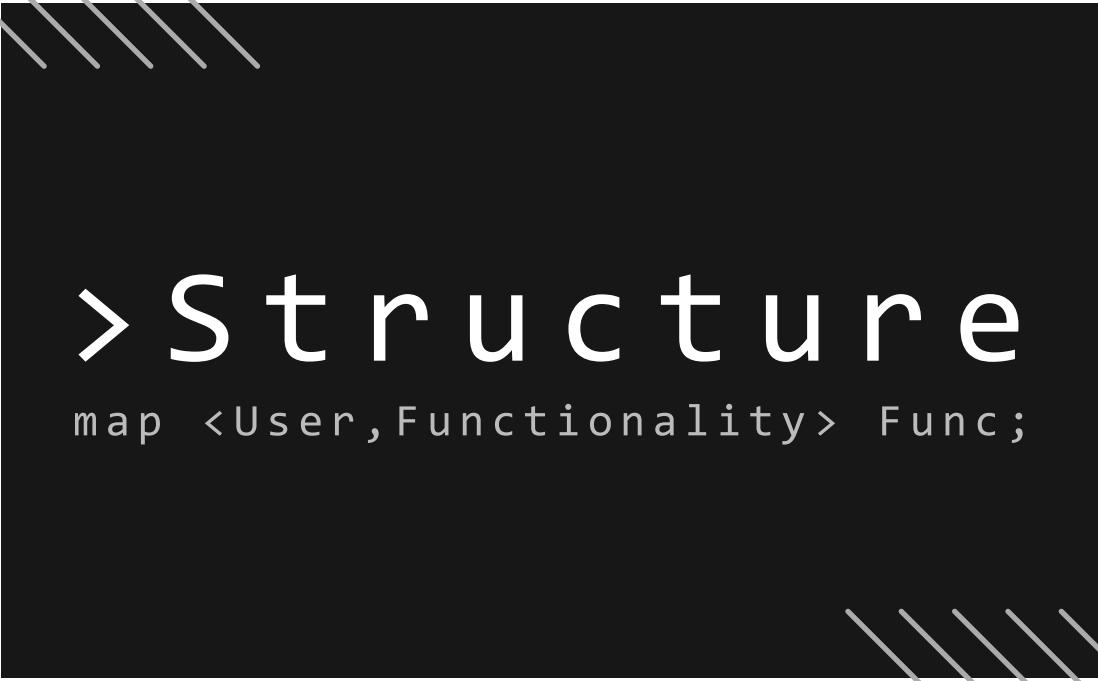


**Showcase & Discover  
Projects in a  
variety of CS  
fields**



**Post a project &  
hire the best  
developers in the  
field**

Bryte isn't just another LinkedIn or a freelancing platform. On Bryte you can find an app store filled with tons of projects categorized by the technologies they used and the fields they used for. We don't force you to have special requirements or a certain scale for the project. It's all up to you to show your creative idea to the World. Contractors and guests of Bryte can explore these projects and get an informative insight in the blink of an eye.

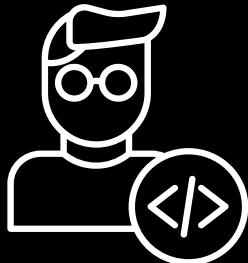


>Structure

map <User, Functionality> Func;

execute

# > Users



## Developers

Developers can be students, engineers, programmers and more. They are basically anyone with enough technical information to create projects and convert them to a commercially product.

## Clients

They can be individuals who need some work to be done or companies that may have a large-scale project and hiring people to finish it. In either case, they have an account on the application to find Developers and have their projects documented and rated.



## Guests

They can be creators exploring the application or looking for ideas. It could also be a one-time client who just wants some work done without creating an account.

# > Functionalities

Func [“**Developers**”] =

- Share projects that he created
- Be able to have a full detailed portfolio
- Create automatic cv
- Get in touch with the clients
- Join or create teams
- Rate their clients
- Portfolio review request
- Be recognized a professional in a work field by an expert in it.
- Project review request

Func [“**Clients**”] =

- Get in touch with developers
- Have their projects documented
- Post bids
- Create Competitions
- Rate developers who worked for them
- Recommend developers

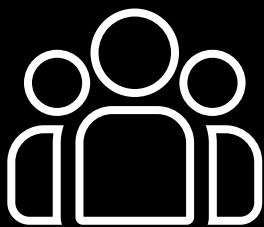
Func [“**Experts**”] =

- Recommend developers
- Review & rate projects
- Review portfolios & Give Skilled Developers a Pro badge ( in some field ) making them able to participate in higher level competitions

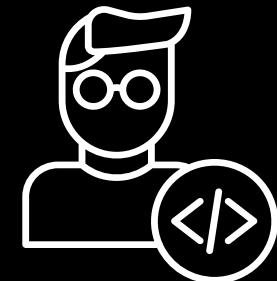
Func [“**General**”] =

- Explore projects on the app with specific categories, filters and search options

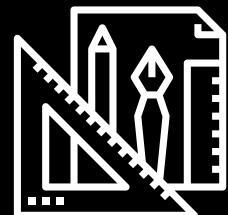
# > Entities



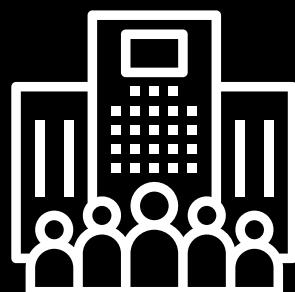
Teams



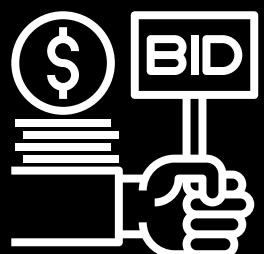
Developers



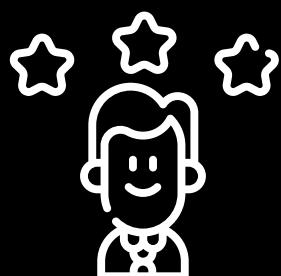
Projects



Clients



Bids



Experts



Competitions

# > Team Info

```
Team SEM_team9[ ] = {  
  
    {"Osama Magdy Aied", 1, 15,  
     "osama.aied00@eng-st.cu.edu.eg"},  
  
    {"Hossam Mohamed Saeed", 1, 27,  
     "hossam.mostafa01@eng-st.cu.edu.eg"},  
  
    {"Ziad Atef Yousef", 1, 36,  
     "ziad.yousef00@eng-st.cu.edu.eg"},  
  
    {"Yahia Zakaria Mohamed", 2, 36,  
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