

Document name	<i>Major Project (Bestify your time)</i>
Version no.	<i>1.0</i>
Release date	<i>12th October 2020</i>
Classification	<i>Departmental</i>

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Major Project (Bestify your time)

Document History

Ver. No	Release Date	Created By / Modified By and Date	Reviewed By and Date	Approved By and Date	Remarks and Changes Made
0.1	12 th October 2020	Asfiya Khan	Yogesh Gaikwad	Kirti Mahadik	Initial draft.

Bestify your time!

This website will help you to break your boredom and evolve at the same time. It offers brain teasers, logical thinking quiz, general knowledge quiz, single player game zone, etc. This website will make users enjoy, learn and best utilize your time in lockdown.

The system involves two modules:

1. Admin
2. User

Admin Module:

1. Admin needs to add questions to system in the respective category (Brain teaser, Logical Thinking, GK).
2. Admin needs to create the quiz as per the requirement i.e. he can add timer, can create mcq questions/descriptive ones).
3. Admin dashboard should show the list of users opted for quiz or game and the top scorer of the day.

User Module:

1. Users can select the category and opt for the quiz.
2. They can give the test only if he's a registered user.
3. He needs to register by entering name and email id.
4. He can save the state of quiz so that next time he opts it should start from the same point.
5. User can search the quiz with name and can add it to their Favorites, so need UI for Favorites.
6. Favorites should have add, remove options.
7. User can see if the answer is right/wrong as soon as he submits the answer.
8. Score will be sent to their email.
9. They can see the previous high score and username, for that respective quiz and game.
10. User can play games in the game zone.(Bouncing ball and match the block game)
11. Games should show the total duration and status (win/lose).

Bonus points for the points 5,6 from user and 3 from Admin.

Software Requirements:

- Node JS
- RESTful Web service
- MySQL
- Front End :
 - SASS
 - CSS3
 - Bootstrap
 - Angular
 - RWD
 - Unit Testing

Tools:

- Static code validator – Linter/Hinte
- Code coverage reports – SonarQube
- Push your task daily on repository(GitHub/TFS).

Software Required:

- Editors – VSCode, Eclipse, etc.
- Chrome / Mozilla browser.

(Make assumptions whenever required in the project and should be supported for Desktop/Mobile/Tablet)

System Architecture:



