



UNIVERSITY OF PADUA
UNIVERSITA' DEGLI STUDI DI PADOVA

Web application

Workflix

07/06/2023

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 DIPARTIMENTO
DI INGEGNERIA
DELL'INFORMAZIONE

- Introduction
- Work Division
- Back-end development
- Front-end development
- Improving
- Demo

The WorkFlix project aims to create a website for project management purposes. WorkFlix creates a powerful and user-friendly project management tool that will enable teams and team member to achieve their goals more efficiently. It enables users to organize projects and everything related to them into boards.

Main features:

- Sign-up/Log in
- Responsive layout with reusable-snippets including header, footer and sidebar
- Create a WorkSpace in WorkFlix
- Create a Board in WorkFlix
- Create Sub-board in WorkFlix
- Analytics page to view the data of workspace

- Chen Huan: User setting and Boardpage
- Chen Huimin: Template and Analytics front-end
- Discalzi Alessandro: Backend fixes, testing and missing APIs implementation
- Erdim Esra: Landing Page, Sign in/ Sign Up Page / Workspace Page

- Fix errors
- Add missing APIs
- Test APIs

```
/opt/homebrew/opt/tomcat/libexec/logs $ tail -f -n 1000 localhost.2023-05-24.log Py base 11:36:02
24-May-2023 11:35:06.550 INFORMAZIONI [main] org.apache.catalina.core.ApplicationContext.log ContextListener: contextInitialized()
24-May-2023 11:35:06.550 INFORMAZIONI [main] org.apache.catalina.core.ApplicationContext.log SessionListener: contextInitialized()
24-May-2023 11:35:06.552 INFORMAZIONI [main] org.apache.catalina.core.ApplicationContext.log ContextListener: attributeAdded('Stock
Ticker', 'async.Stockticker@524f5ea5')
24-May-2023 12:04:43.606 GRAVE [http-nio-8080-exec-14] org.apache.catalina.core.StandardWrapperValve.invoke Servlet.service() for s
ervlet [ActivitiesServlet] in context with path [/workflix-1.0] threw exception
    org.json.JSONException: JSONObject["activity_id"] not found.
        at org.json.JSONObject.get(JSONObject.java:572)
        at resource.Activities.fromJSON(Activities.java:164)
        at servlet.ActivitiesServlet.doGet(ActivitiesServlet.java:39)
        at jakarta.servlet.http.HttpServlet.service(HttpServlet.java:564)
        at jakarta.servlet.http.HttpServlet.service(HttpServlet.java:658)
        at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:205)
        at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:149)
        at org.apache.tomcat.websocket.server.WsFilter.doFilter(WsFilter.java:51)
        at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:174)
        at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:149)
        at org.apache.catalina.core.StandardWrapperValve.invoke(StandardWrapperValve.java:166)
        at org.apache.catalina.core.StandardContextValve.invoke(StandardContextValve.java:90)
        at org.apache.catalina.authenticator.AuthenticatorBase.invoke(AuthenticatorBase.java:482)
        at org.apache.catalina.core.StandardHostValve.invoke(StandardHostValve.java:115)
        at org.apache.catalina.valves.ErrorReportValve.invoke(ErrorReportValve.java:93)
        at org.apache.catalina.valves.AbstractAccessLogValve.invoke(AbstractAccessLogValve.java:676)
        at org.apache.catalina.core.StandardEngineValve.invoke(StandardEngineValve.java:74)
        at org.apache.catalina.connector.CoyoteAdapter.service(CoyoteAdapter.java:341)
        at org.apache.coyote.http11.Http11Processor.service(Http11Processor.java:390)
        at org.apache.coyote.AbstractProcessorLight.process(AbstractProcessorLight.java:63)
```



POSTMAN

- Create responsive html pages according to design files
- Connection with backend
- Test Frontend

WorkFlix
makes
Work
Flexible

Your teamwork will be much easier.

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Future improvements:

- Add functions for editing the template information, uploading the images from local files, etc.
- It is also possible to add more data into the analytics.
- For user, better classification of users and giving different operation rights
- Add and bind more details to the created content to make the page display and operation more realistic and smooth



Demo