

*ProjectAble iPhone Application*

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# ProjectAble



A helpful Project Management app,  
providing quick accurate and reliable  
project status and forecasting with minimal  
data input

Created by: Aleynmoor Limited

Contact: [ProjectAble@aleynmoor.co](mailto:ProjectAble@aleynmoor.co)

5th August 2020



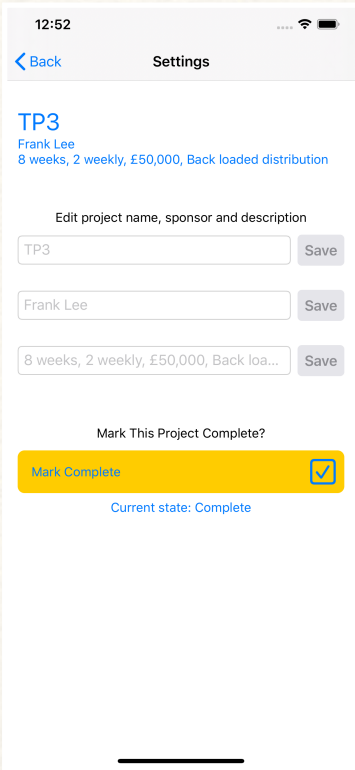


# ProjectAble Screen Map

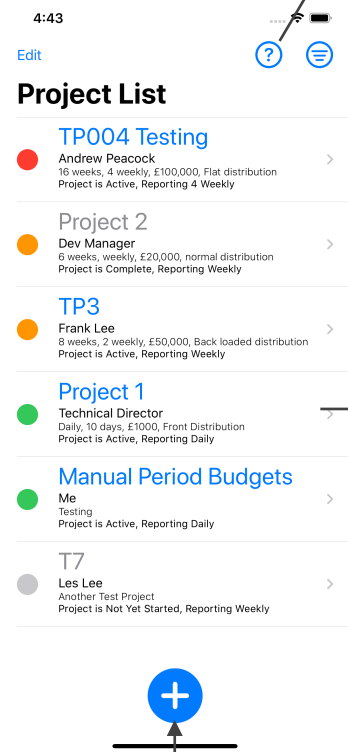
## 2. About ProjectAble



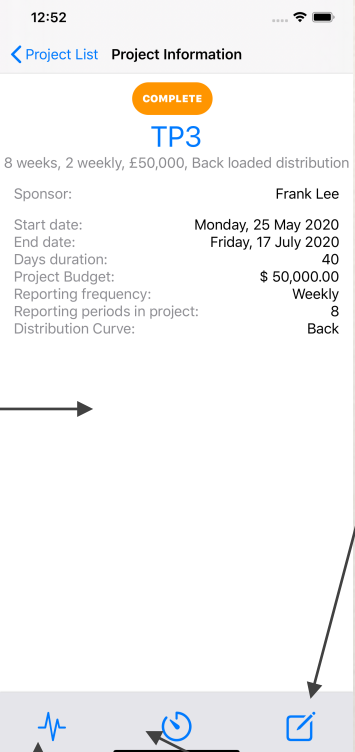
## 8. Edit Project



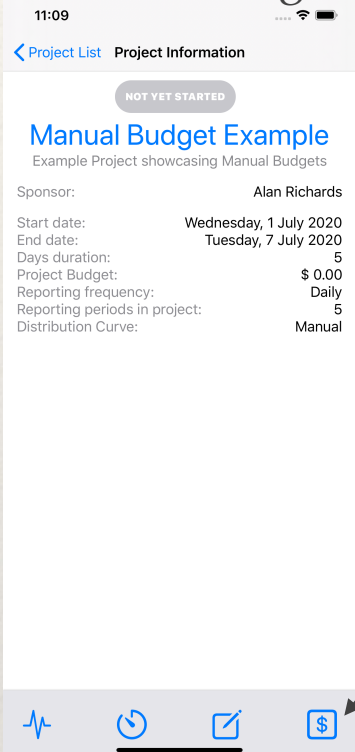
## 1. Project List



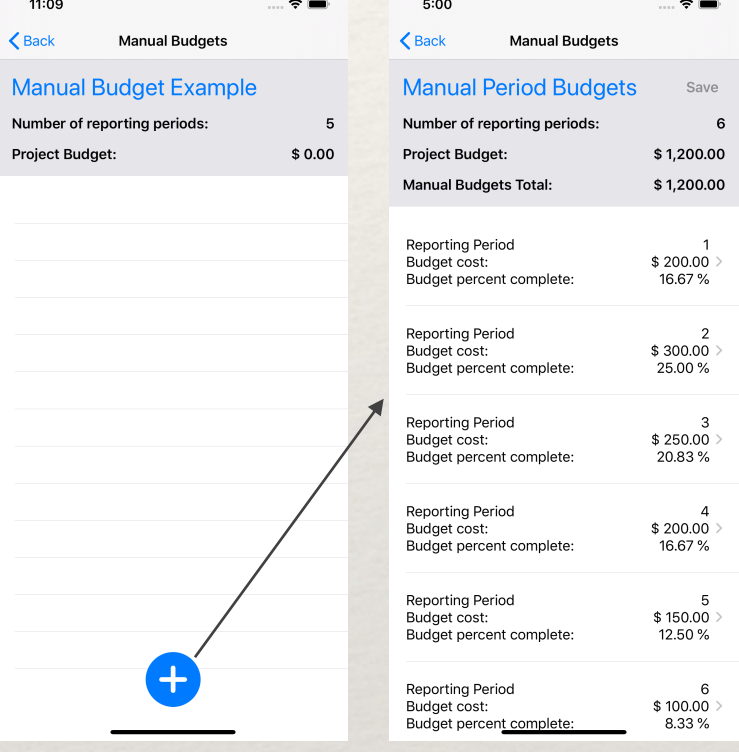
## 4. Project Information



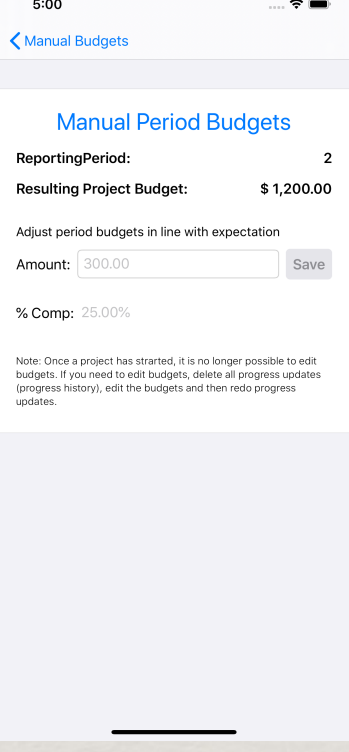
## 4. Project Information Manual Budget



## 9. Manual Budgets List

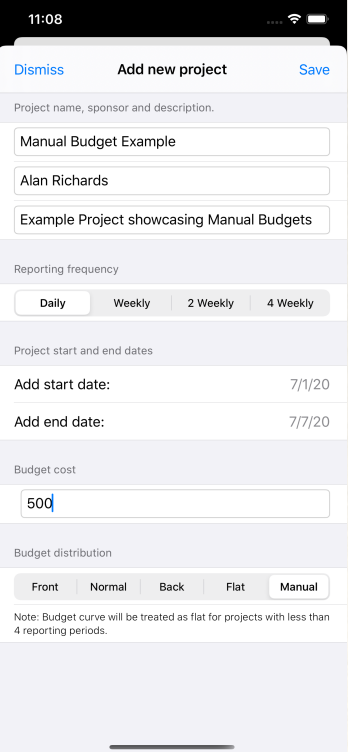


## 10. Edit Manual Budgets

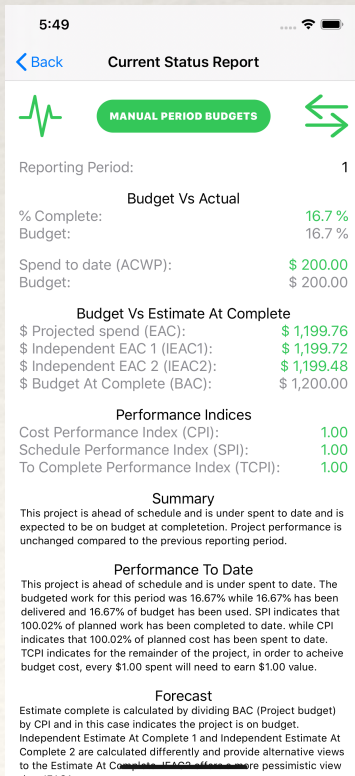


Home Screen

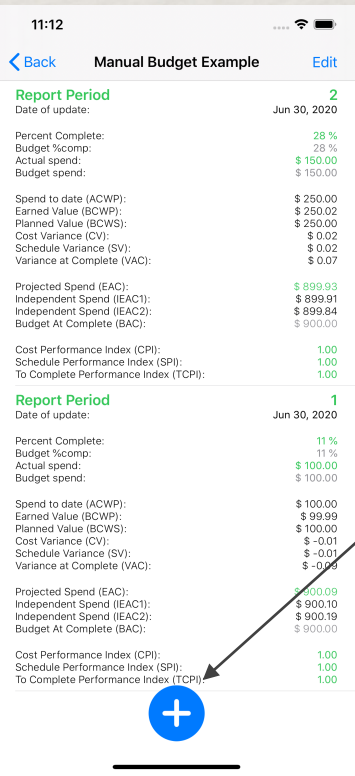
## 3. Add Project



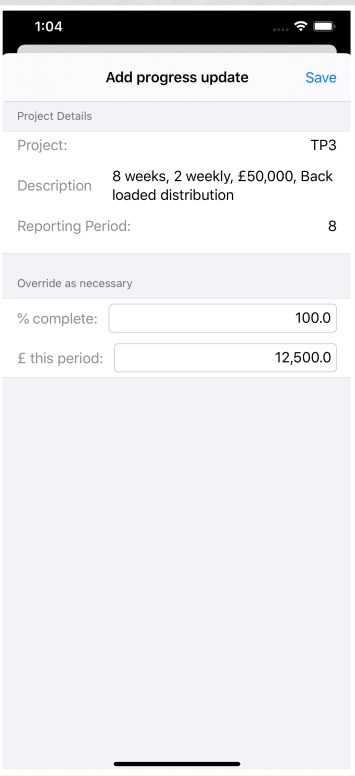
## 5. Status Report



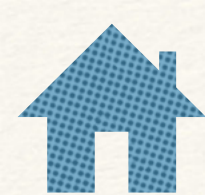
## 6. Progress History



## 7. Add Progress Update







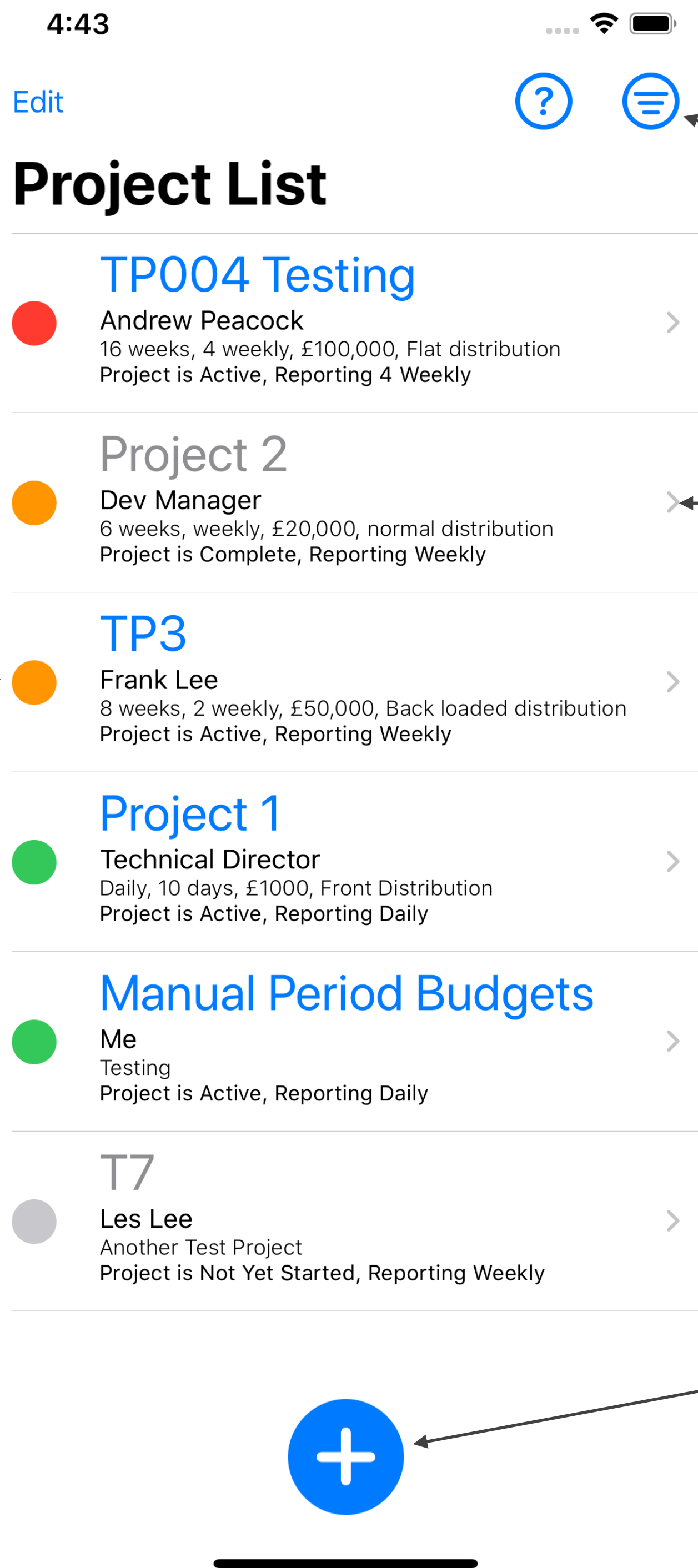
## ProjectAble

When the app opens, the first screen you see is 'Project List'.

RAG Status indicator

### RAG Status Colour Key

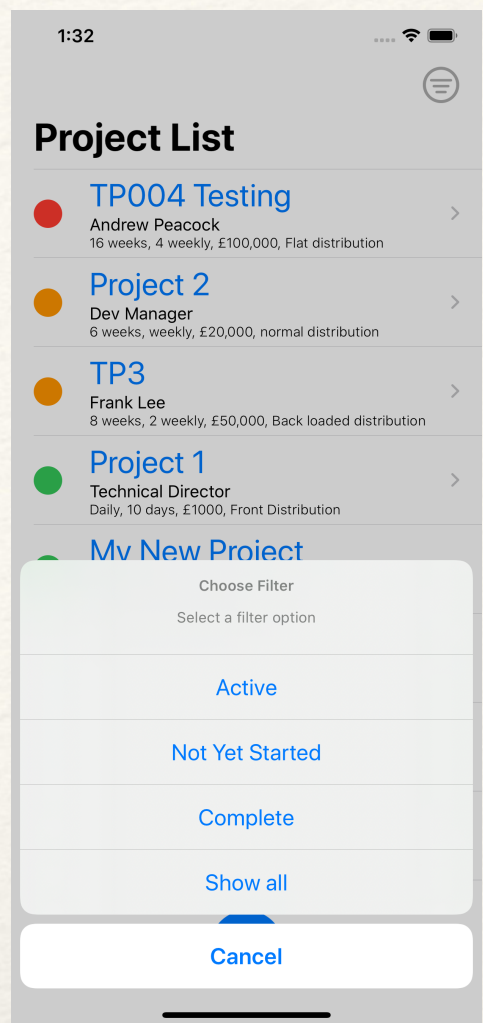
- - On budget, on schedule
- - Up to 5% over budget or behind schedule
- - 5% or more over budget or behind schedule
- - Irrecoverable budget or schedule
- - Not Yet Started or Completed



Project List Filter

Tap a project to go to the project information view

Add new project button

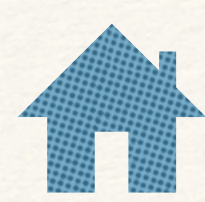


### Project Status Colour Key

- Active = RAG, project name
- Completed = RAG, project name
- Not Yet Started = RAG, project name







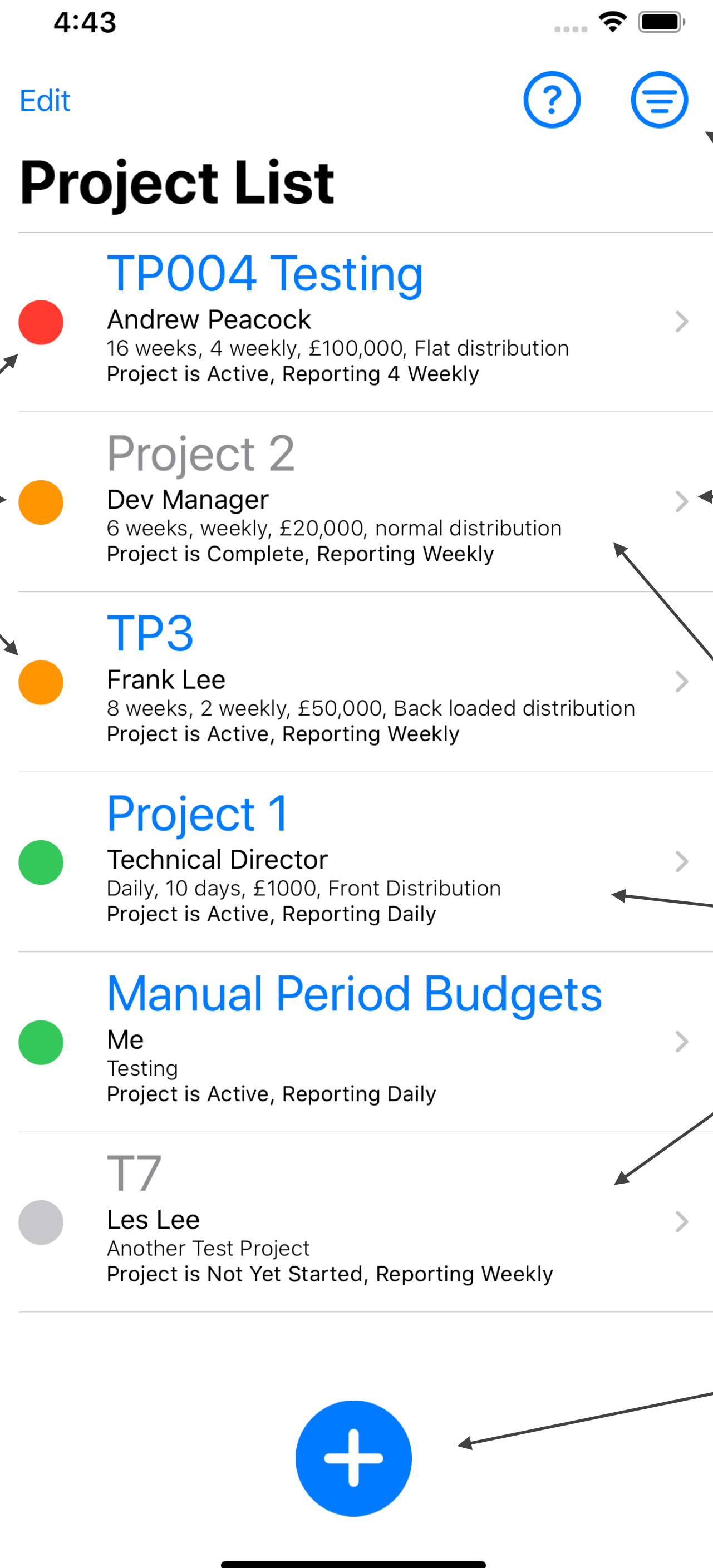
# ProjectAble

When the app opens, the first screen you see is 'Project List'.

RAG Status indicators

## RAG Status Colour Key

- - On budget, on schedule
- - Up to 5% over budget or behind schedule
- - 5% or more over budget or behind schedule
- - Irrecoverable budget or schedule
- - Not Yet Started or Completed



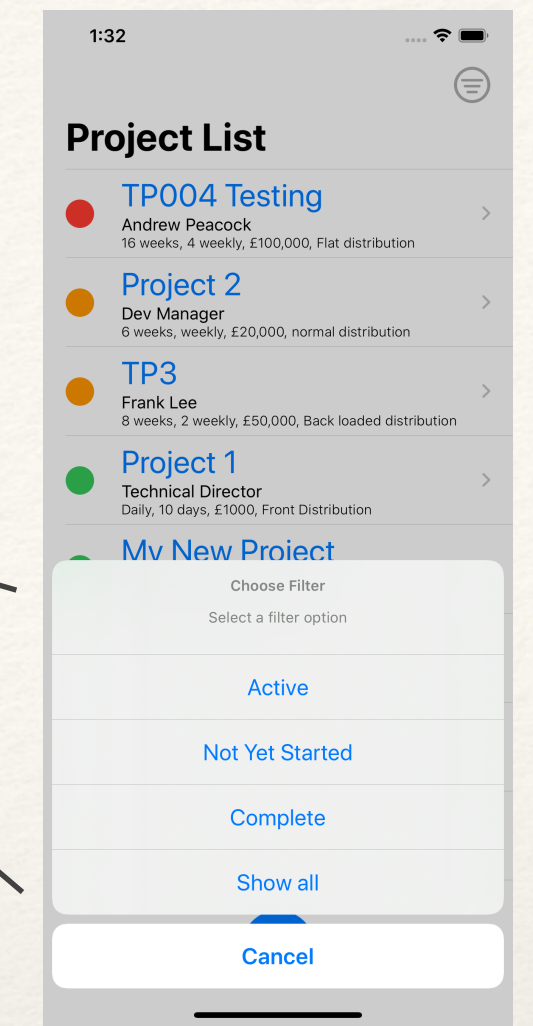
Project List Filter

Tap a project to go to the project information view

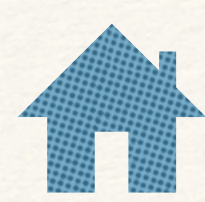
## Project Status Colour Key

- Completed = RAG, Project name
- Active = RAG, Project name
- Not Yet Started = RAG, Project name

Add new project button







## ProjectAble - Add Project

Input a project name, sponsor or change owner and a description

Select Start and End dates

Form issues:

- Tap the date rows to show and hide the date pickers

Select a budget distribution curve.

This enables ProjectAble to more closely match the pace of work of your project

11:08

Dismiss Add new project Save

Project name, sponsor and description.

Manual Budget Example

Alan Richards

Example Project showcasing Manual Budgets

Reporting frequency

Daily Weekly 2 Weekly 4 Weekly

Project start and end dates

Add start date: 7/1/20

Add end date: 7/7/20

Budget cost

500

Budget distribution

Front Normal Back Flat Manual

Note: Budget curve will be treated as flat for projects with less than 4 reporting periods.

The Save button is enabled once the form is complete

Select a reporting frequency

Add the estimated budget

Form issues:

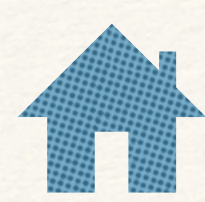
- The budget cost field uses a number keyboard. Tap the field to show or hide the keyboard

Notes:

1. The form issues mentioned will be resolved but exist due to some current limitations with the interface







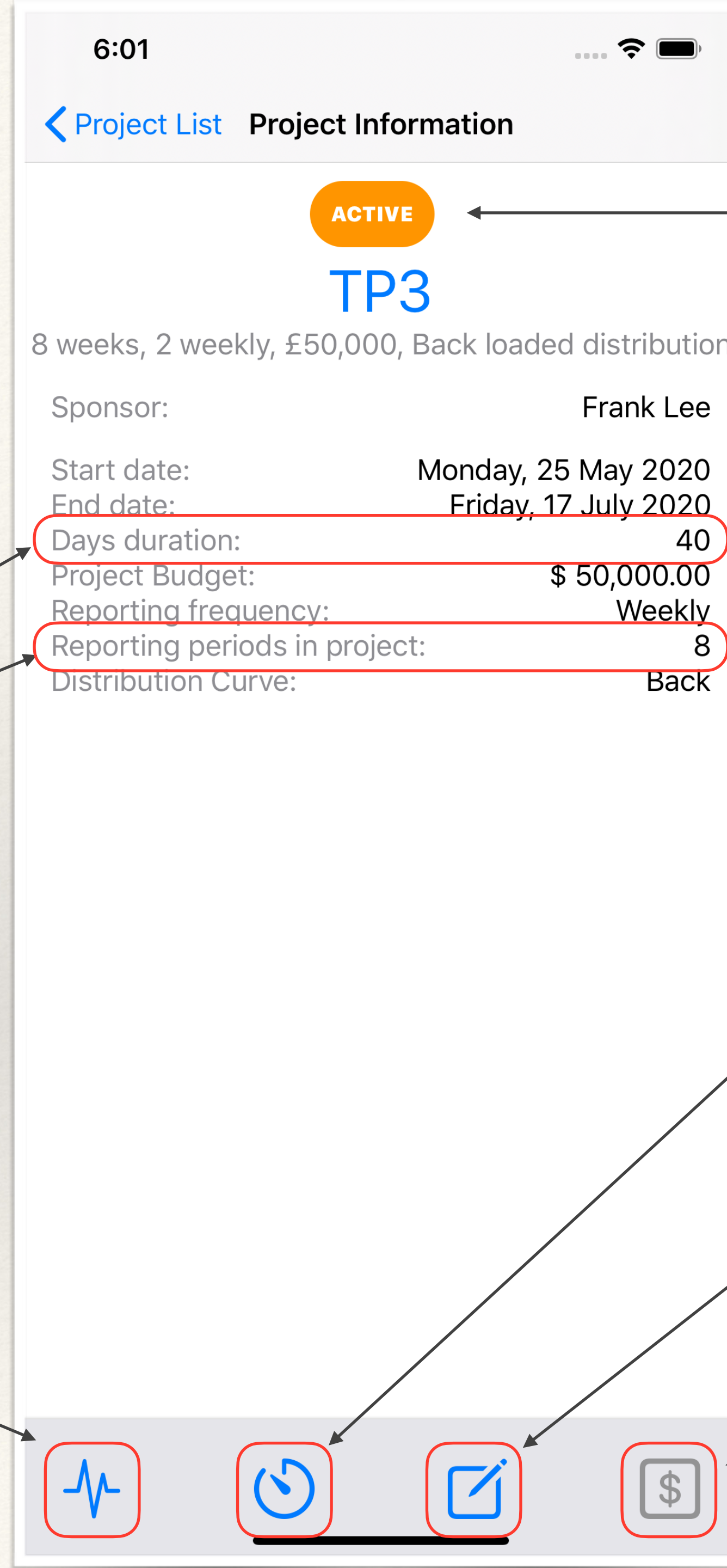
## ProjectAble - Project Information

The 'Project Information' view is the 'hub' of the project

Here you can see the information you used to create the project and you also get to see:

- The duration (days) of the project
- How many reporting periods are planned

The 'Heartbeat' button takes you to the Project Status Report



The Project and RAG statuses are shown in a single status view

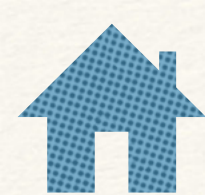


The 'Timer' button takes you to Progress History

The 'edit' button takes you to about ProjectAble

The Manual Budgets Button is displayed only when a project is using manual budgets





## ProjectAble - Project Status Report

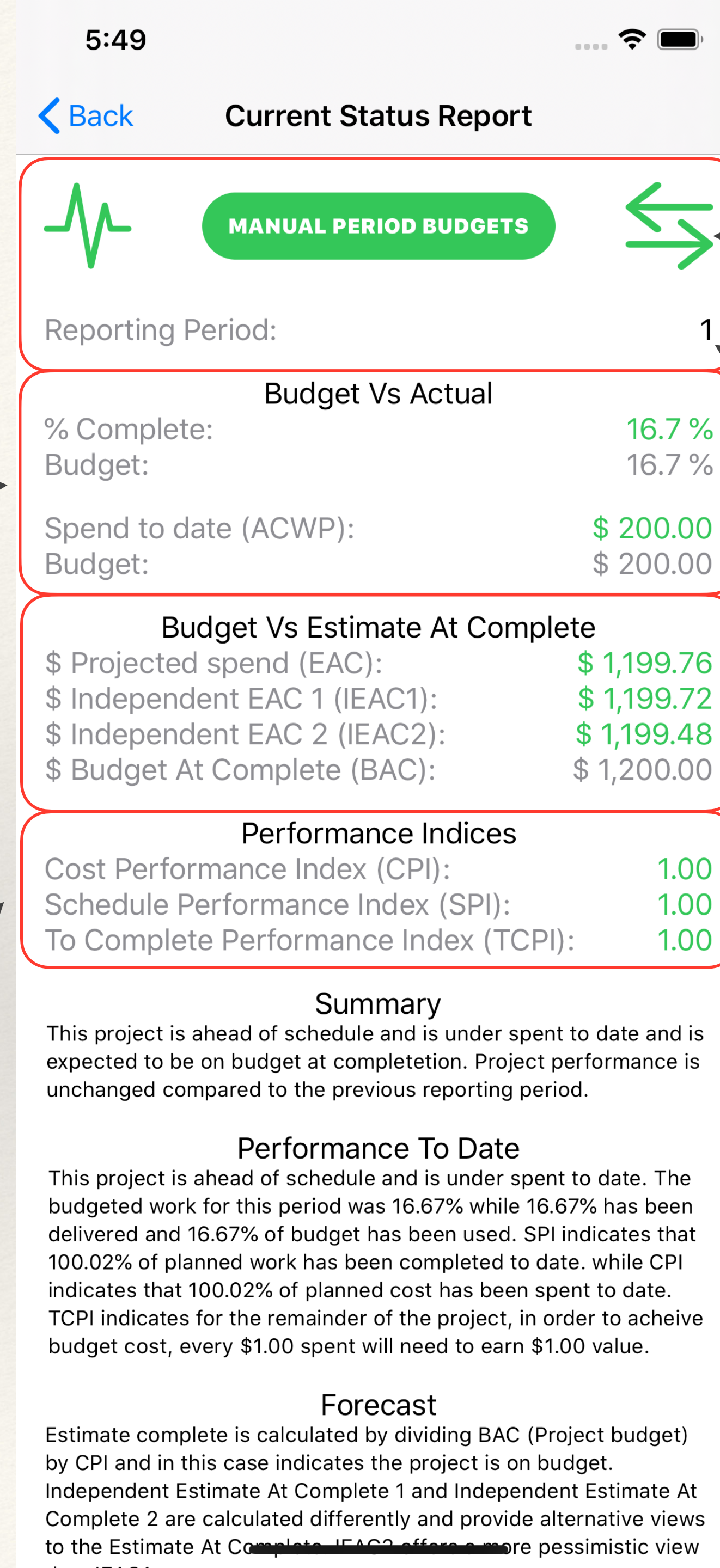
The 'Status Report' view is the 'heartbeat' of the project.  
This shows project performance based on the most recent update.

### Budget Vs Actual

- % Complete is the value accepted or input in the progress update and the budget shows the expected %comp
- Spend to date is the cumulative spend to date and the budget shows the estimated spend to date

### Performance Indices

- CPI indicate is a project is on, under or over budget. (**CPI < 1 is Over Budget**)
- SPI indicates if the project is on, behind or ahead of schedule. (**SPI < 1 is behind schedule**)
- TCPI indicates the overall performance (**TCPI > 1 indicates the level of performance required now to achieve the original budgets**)



The Project and RAG status is reflected in

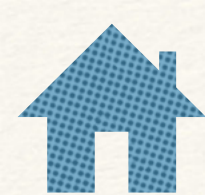
- Left: The Heartbeat
- Centre: Project Name
- Right: The Trend Indicator Arrows
- The current Reporting Period

### Budget Vs Estimate At Complete

Projected spend (EAC) shows the forecast final spend based on performance to date. IEAC1 and IEAC2 provide independent views on the EAC  
Budget At Complete is the original budget input when the project was created







# ProjectAble - Project Status Report

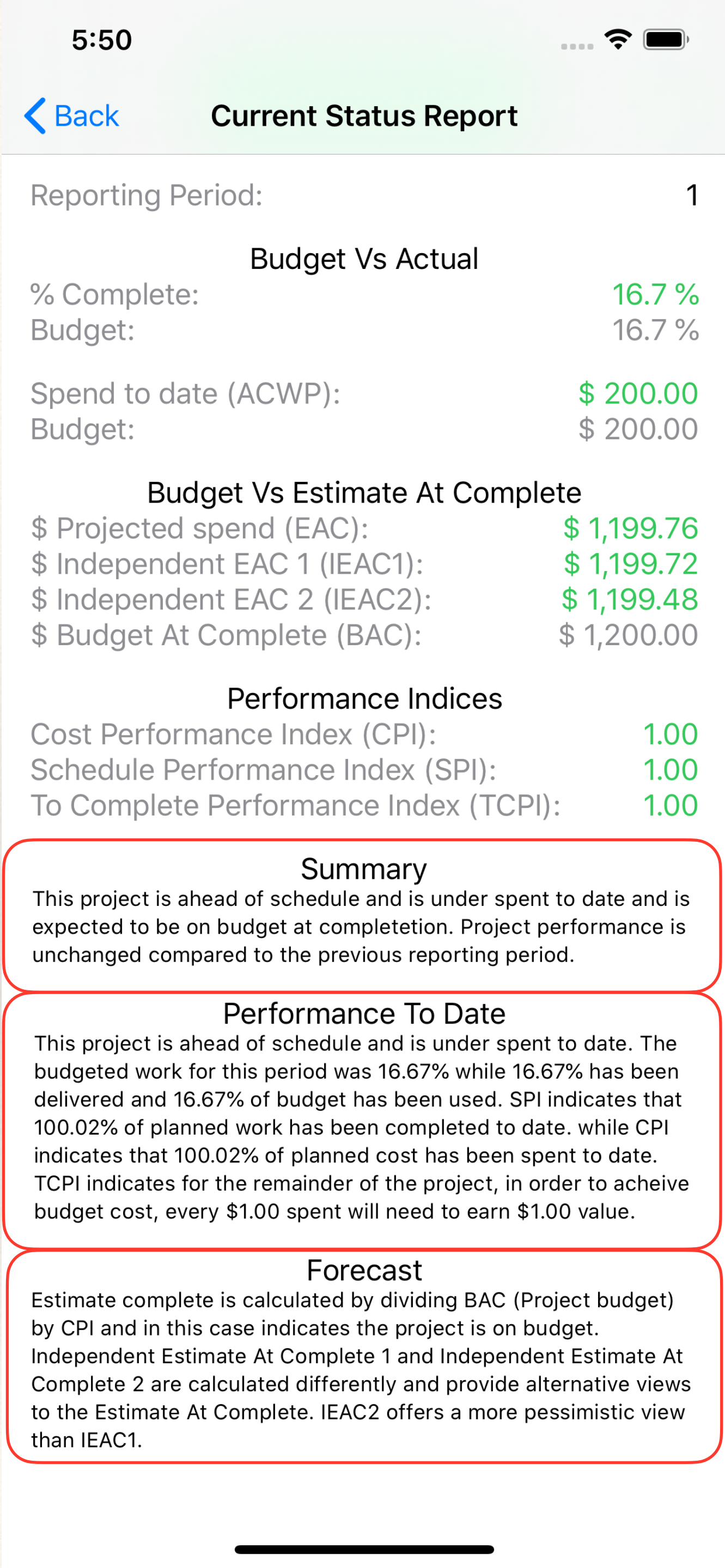
The 'Status Report' view is the 'heartbeat' of the project. This shows project performance based on the most recent update.

## Summary

- A precise of project status and cost and reference to performance trend.

## Forecast

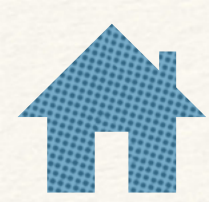
- Provides narrative around EAC. IEAC1 and IEAC2 provide alternative, independent estimates at complete which combined, give a range from optimistic to pessimistic and within which, the end cost of the project is likely to fall.



## Performance To Date

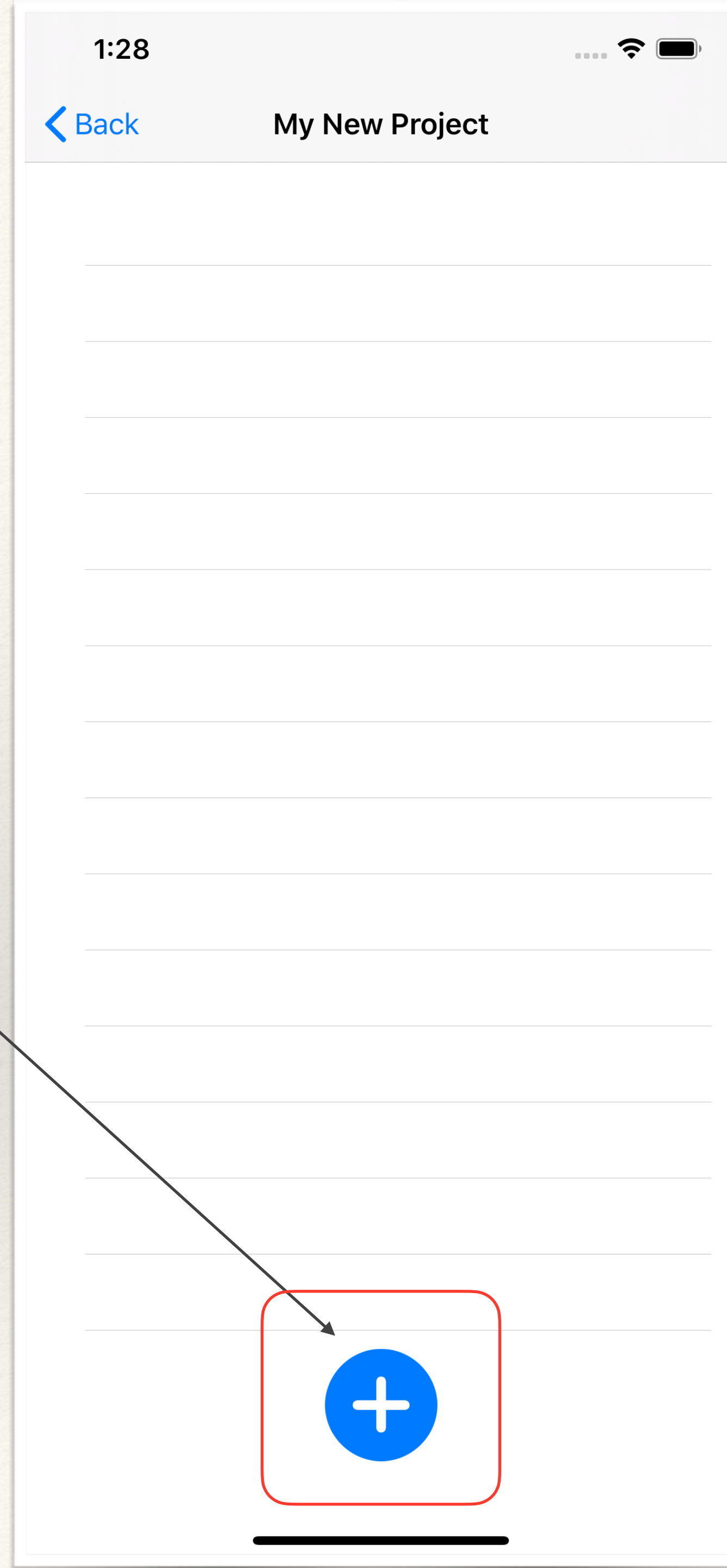
Provides some narrative around current performance by referencing Percent Complete, Schedule Performance Index, Cost Performance Index and To Complete Performance Index.



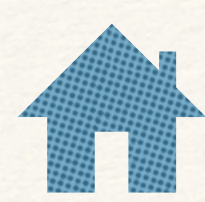


## ProjectAble - Progress History

The 'Progress History' view is empty the first time you come to it.  
Press the Blue 'Add' button to create a progress update







## ProjectAble - Add Progress Update

These Two fields provide all the  
update requires from the user.

If all is on schedule / budget, simply  
hit 'Save'. Otherwise, update the %  
Comp and £ This period fields and  
then hit 'Save'.

ProjectAble will then perform the  
earned value analysis and update the  
Progress History



1:04

Add progress update

Save

Project Details

Project:

TP3

Description

8 weeks, 2 weekly, £50,000, Back loaded distribution

Reporting Period:

8

Override as necessary

% complete:

£ this period:



The upper section of the  
form is for information  
only.







CPI < 1.0 is under budget

SPI < behind schedule

TCPI < 1.0 indicates better than expected efficiency

11:12

< Back

Manual Budget Example

Edit

Report Period

2

Date of update:

Jun 30, 2020

Percent Complete:

28 %

Budget %comp:

28 %

Actual spend:

\$ 150.00

Budget spend:

\$ 150.00

Spend to date (ACWP):

\$ 250.00

Earned Value (BCWP):

\$ 250.02

Planned Value (BCWS):

\$ 250.00

Cost Variance (CV):

\$ 0.02

Schedule Variance (SV):

\$ 0.02

Variance at Complete (VAC):

\$ 0.07

Projected Spend (EAC):

\$ 899.93

Independent Spend (IEAC1):

\$ 899.91

Independent Spend (IEAC2):

\$ 899.84

Budget At Complete (BAC):

\$ 900.00

Cost Performance Index (CPI):

1.00

Schedule Performance Index (SPI):

1.00

To Complete Performance Index (TCPI):

1.00

Report Period

1

Date of update:

Jun 30, 2020

Percent Complete:

11 %

Budget %comp:

11 %

Actual spend:

\$ 100.00

Budget spend:

\$ 100.00

Spend to date (ACWP):

\$ 100.00

Earned Value (BCWP):

\$ 99.99

Planned Value (BCWS):

\$ 100.00

Cost Variance (CV):

\$ -0.01

Schedule Variance (SV):

\$ -0.01

Variance at Complete (VAC):

\$ -0.09

Projected Spend (EAC):

\$ 900.09

Independent Spend (IEAC1):

\$ 900.10

Independent Spend (IEAC2):

\$ 900.19

Budget At Complete (BAC):

\$ 900.00

Cost Performance Index (CPI):

1.00

Schedule Performance Index (SPI):

1.00

To Complete Performance Index (TCPI):

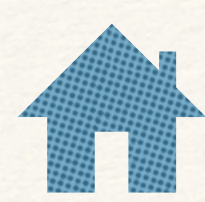
1.00

+

This is where you can see the historic performance of the project and see the trend across the entire project to date.







## ProjectAble - Manual Period Budgets

ProjectAble provides the ability to set the budget distribution manually. This gives the user the ability to plan spend more accurately but requires additional steps to setup the project.

11:08

Dismiss

Add new project

Save

Project name, sponsor and description.

Manual Budget Example

Alan Richards

Example Project showcasing Manual Budgets

Reporting frequency

Daily

Weekly

2 Weekly

4 Weekly

Project start and end dates

Add start date:

7/1/20

Add end date:

7/7/20

Budget cost

500

Budget distribution

Front

Normal

Back

Flat

Manual

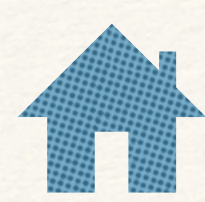
Note: Budget curve will be treated as flat for projects with less than 4 reporting periods.

To use Manual Budget Distribution, you must select 'Manual' for the budget distribution picker.

Note: You still need to add a budget cost as this will be used as placeholder when the period budget records are created







## ProjectAble - Project Information

Here you can see the information you used to create the project and you also get to see:

- The distribution curve is set to 'Manual'

11:09

[Project List](#) Project Information

NOT YET STARTED

Manual Budget Example

Example Project showcasing Manual Budgets

Sponsor:

Alan Richards

Start date:

Wednesday, 1 July 2020

End date:

Tuesday, 7 July 2020

Days duration:

5

Project Budget:

\$ 0.00

Reporting frequency:

Daily

Reporting periods in project:

5

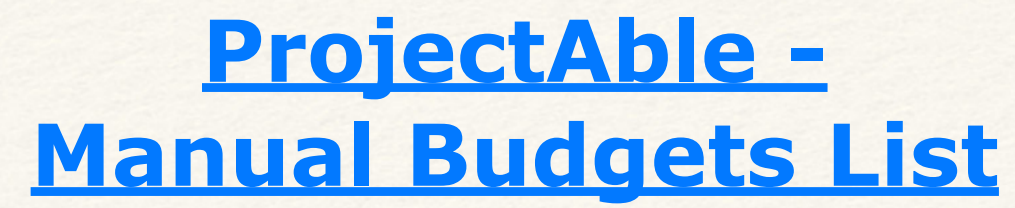
Distribution Curve:

Manual



The manual budgets button is enabled



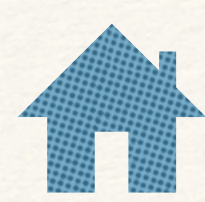


Initially on entering the manual budgets list, the list is empty. You are given the number of reporting periods and the budget is set to zero. That is because this budget figure is driven from the period budgets.



Click the 'Add' button to create the period budgets





## ProjectAble - Manual Budgets List

The header displays the Project Name, Save Button, original Project Budget (entered when you created the project) and the new Manual Budgets Total.

As the individual period budgets are changed the Manual Budgets Total is updated. Once this differs from the Project Budget, it turns red to highlight the difference. If you go ahead and click save, the project budget is updated and both values are shown as black.

The list contains one row per reporting period and these can be edited by clicking directly on the row

5:00

< Back

Manual Budgets

Manual Period Budgets

Save

Number of reporting periods:

6

Project Budget:

\$ 1,200.00

Manual Budgets Total:

\$ 1,200.00

Reporting Period

1

Budget cost:

\$ 200.00 >

Budget percent complete:

16.67 %

Reporting Period

2

Budget cost:

\$ 300.00 >

Budget percent complete:

25.00 %

Reporting Period

3

Budget cost:

\$ 250.00 >

Budget percent complete:

20.83 %

Reporting Period

4

Budget cost:

\$ 200.00 >

Budget percent complete:

16.67 %

Reporting Period

5

Budget cost:

\$ 150.00 >

Budget percent complete:

12.50 %

Reporting Period

6

Budget cost:

\$ 100.00 >

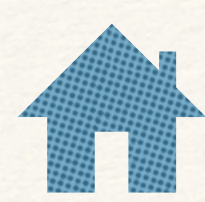
Budget percent complete:

8.33 %



Click a reporting period row to see the edit period budget screen.





## ProjectAble - Edit Period Budgets

Edit the spend amount and click save to be returned to the Manual Budgets List

Edit the spend amount and when done click 'Save' and you will be returned to the manual budgets list to continue editing the period budgets until you are happy with them.

5:00

< Manual Budgets

Manual Period Budgets

ReportingPeriod: 2

Resulting Project Budget: \$ 1,200.00

Adjust period budgets in line with expectation

Amount: 300.00 Save

% Comp: 25.00%

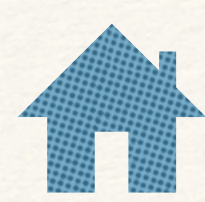
Note: Once a project has started, it is no longer possible to edit budgets. If you need to edit budgets, delete all progress updates (progress history), edit the budgets and then redo progress updates.



As each period budget is edited, the project budget will update and budget percent complete will be automatically updated as you change the period budget amount.

Note:  
Once a project has started (a progress update has been added), the budgets cannot be changed and the Save button will be disabled.





## ProjectAble - Edit Period Budgets

ProjectAble will now use the manual period budgets in it's progress calculations.

12:50

[Project List](#) Project Information

ACTIVE

Manual Period Budgets

Testing

Sponsor:

Me

Start date:

Thursday, 16 July 2020

End date:

Thursday, 23 July 2020

Days duration:

6

Project Budget:

\$ 1,200.00

Reporting frequency:





Daily

Reporting periods in project:

6

Distribution Curve:

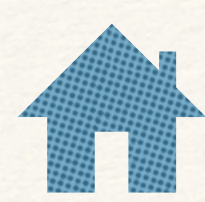
Manual





The Project Budget matches that seen in the Manual Budgets List



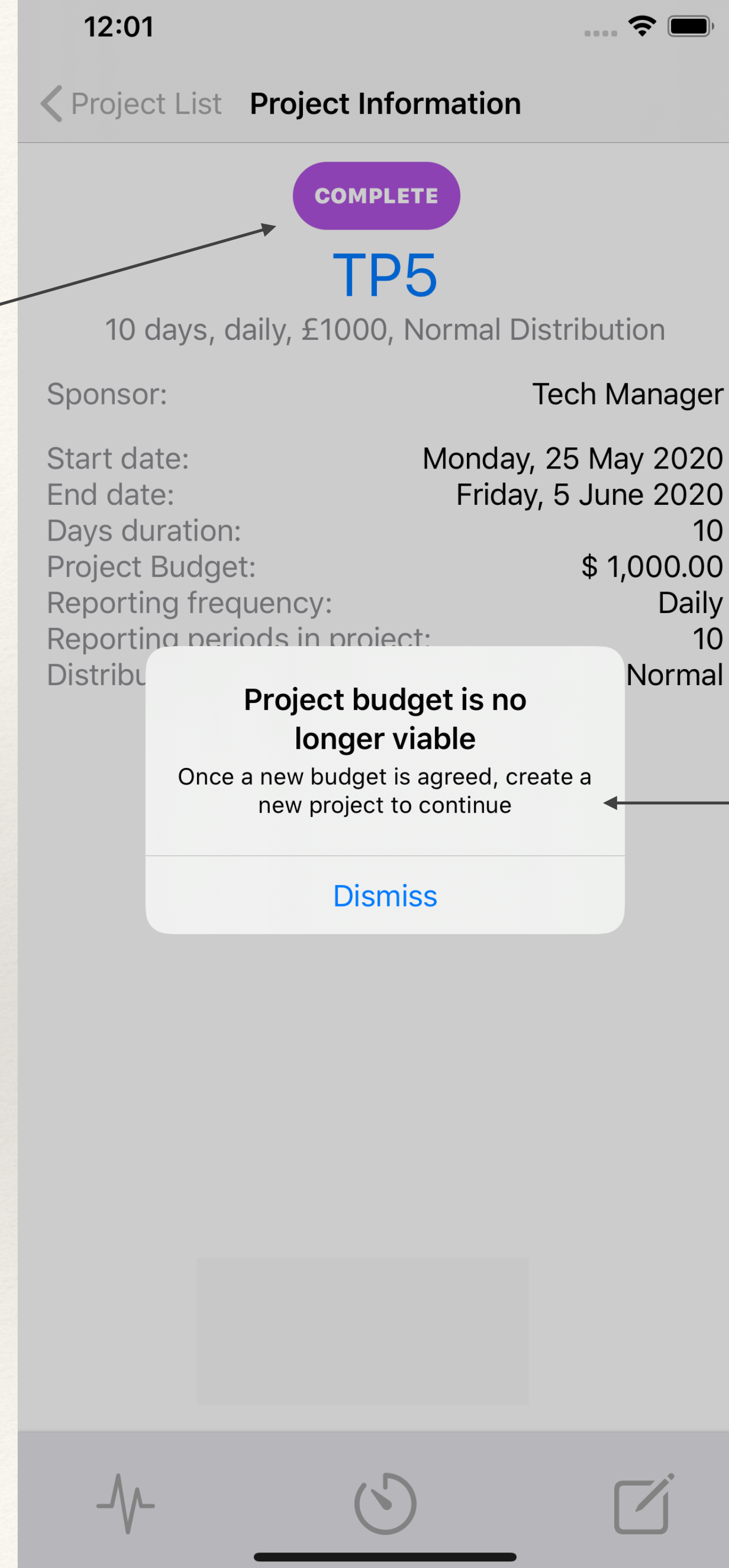


## ProjectAble - Project Information

Rarely a project may fall into this state. The project has reached the point where the budget has been used up prior to the end of the project. In this situation the project sponsor needs to make a call. Whatever happens outside of ProjectAble, here you need to mark this project complete. See next slide.

The purple RAG status indicates that the project has irrecoverable budget overrun and needs immediate intervention.

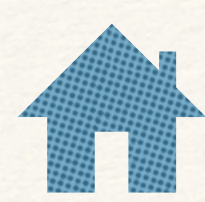
The TCPI becomes a negative number once the project is in overspend. It is this that triggers the Purple RAG status.



When a project has a a purple RAG status, the 'Project budget no longer viable' alert will be displayed every time the Project Information screen is displayed

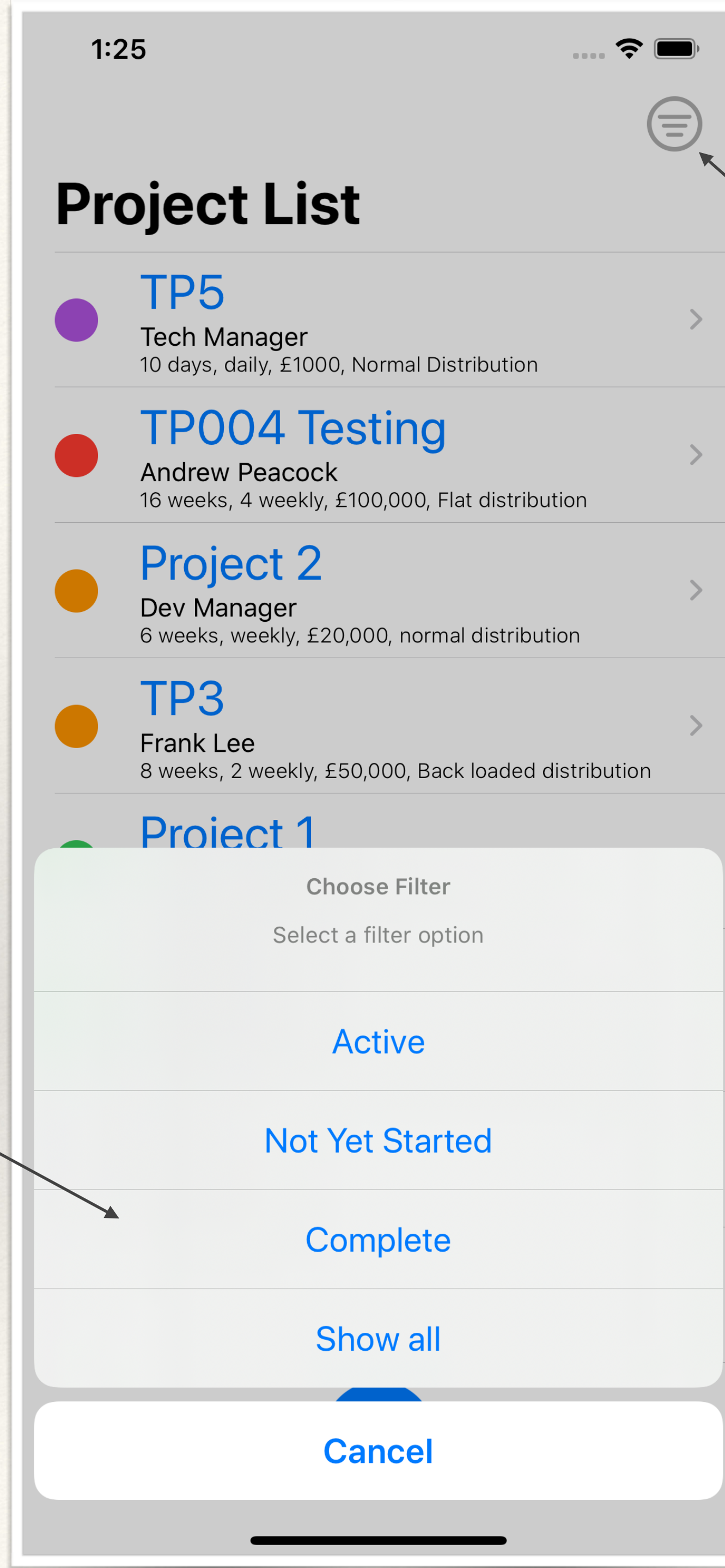






## ProjectAble - Project List Filter Options

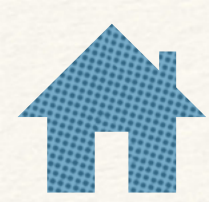
In this case the user is going to select  
Complete



When you click on the Filter button you  
will be show the menu below.

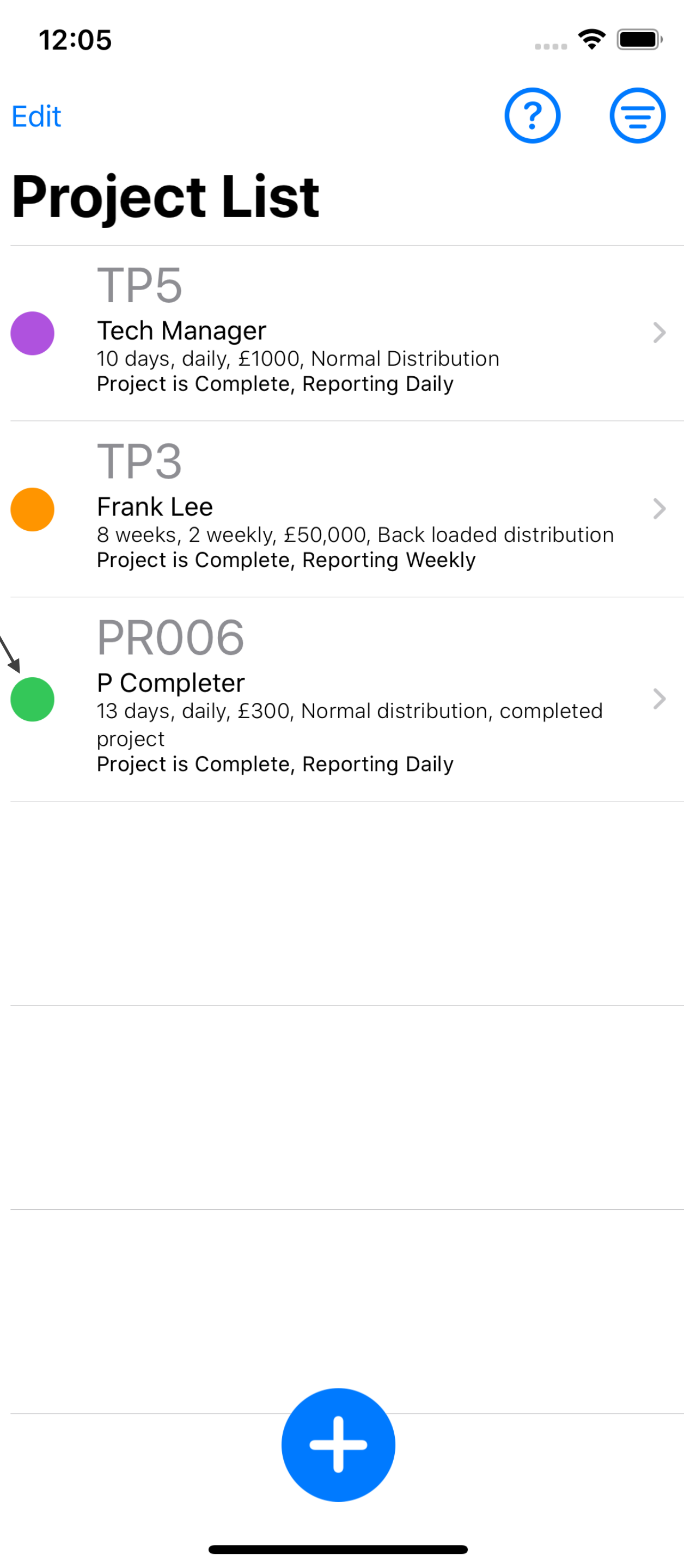




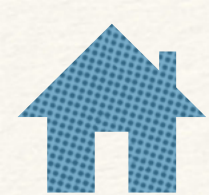


## ProjectAble - Project List Filter Results

The Project List now displays only those projects which have been completed.







## ProjectAble -

## Project List Filtered to show only completed projects

When you click the 'Mark Complete' button ProjectAble presents an alert and requires the user to confirm or cancel the request



12:10

Settings

TP5

Tech Manager

10 days, daily, £1000, Normal Distribution

Edit project name, sponsor and description

TP5

Save

Tech Manager

Save

10 days, daily, £1000, Normal Distribu...

Save

Mark This Project Complete?

Mark Complete

☒

Current state: Complete

Are you sure?

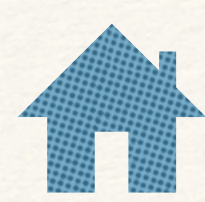
The Project cannot be reactivated...

Mark Complete

Cancel







## ProjectAble Currently ...

The RAG Status thresholds are currently hard coded as follows:

RED = 5% or more over budget, behind on schedule or behind on efficiency

AMBER = 0 to 5% over or behind

GREEN = On target or better than target

PURPLE = Negative TCPI

## ProjectAble - Future Improvements

Give users ability to set:

1. Charts to show progress pictorially
2. RAG thresholds
3. Timed alerts / reminders

